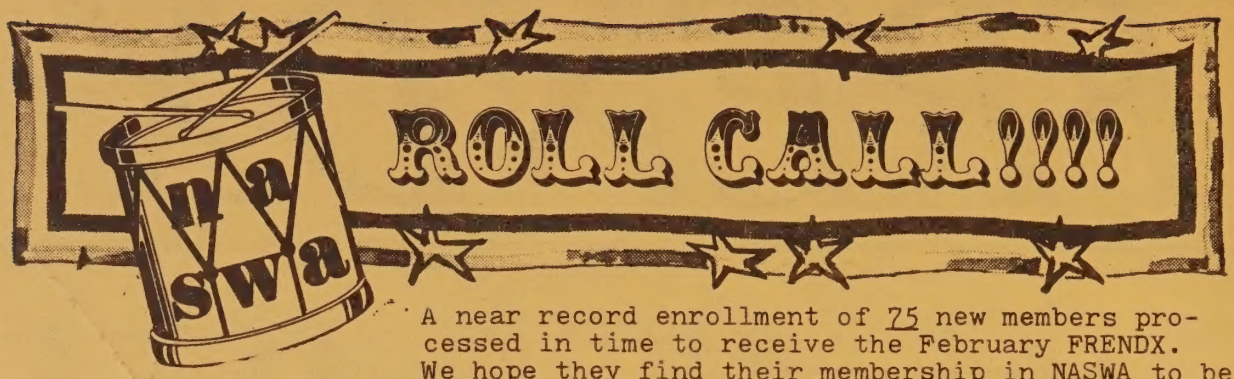
ISSN 0160 - 1989

FRENDX

THE WORLD IS ON SHORTWAVE RADIO

0000-0600:		kHz
0000	R. Tirana	7065,9750
	R. Sofia	6070
	R. Peking	6810,8300,11945,15
	R. Japan	15520,17680
0015	R. Norway	15105
	Belgium	6180
0030	VoGreece	6080
	BBC	9760,11730
		5975,6120(S),7320,95
	R. Sweden	9580,15260
	R. Kiev	9620(H)
0040		7150,7215,11690,1179
0100	HCJB, Ecuador	15100
	R. Australia	9560,11915
	R. Peking	15320,17795
		6825,7120(Ti),8240,8450
		9780(Ti),11375,11455,11
		12055,15060,15165,1545
	R. Canada	17680
	R. Habana Cuba	9535,11940
	R. Prague	9685,11725
	Deutsche Welle	5930,7345,9540,9630
		6010,6040(An),6075,6100(M
		9545(Mt),9565(Ma),9605,
	RBI, GDR	11865(Ma)
	RAI, Italy	9730
	R. Japan	6010,9575
	VoSpain	15105
	VoFree China	6065,11880
	R. Moscow	15345,15425,17890
	R. Vilnius	49§41,31,25,19mb.
	Vatican R.	41,25,19,16+mb.
		5995,9605,11800

MARCH 1979



A near record enrollment of 75 new members processed in time to receive the February FRENDX. We hope they find their membership in NASWA to be helpful.

ALEXANDER, Charle A., Woburn, MA
ALTIERI, Adehel, Hato Rey, PR
BARRE, Ferdinand, New Orleans, LA
BASOM, Jeff, Lyndhurst, OH
BATTERSON, Jim, Santa Maria, CA
BEECH, Glenn, Florissant, MO
BERKLEY, John, Sun City, AZ
BLANCHFIELD, T.M., Orland Park, IL
CABRERA, Radhames, Santo Domingo,DR
CAMPBELL, John, Devon, England **
CAMPBELL, Peter G., Ann Arbor, MI
CARR, Rick, Austin, TX **
CASTILLO, Jose E., Pelham Manor, NY
CHAMPION, Wesley, Waupun, WI
CHIQUOINE, A.D., Clinton, NY
CHRISTIAN, Tom, Sunnyvale, CA
CLARKE, Doug, Chesapeake, VA
COZZENS, Jerry, Newcomerstown, OH
CREIGHTON, William, Worcester, MA
DAGOSTINO, Joseph, Newington, CT
DENETTO, Neville, Kakabaka Falls, Ont.
DIECKMANN, Rev. Michael, St. Louis, MO
FINLAY, Jeff, Heath, OH
FISCHER, Elizabeth, Boulder, CO
FRANO, Chris, Newburgh, IN
FROST, Robert, W. Long Beach, NJ
GARBER, William F., Warriors Mark, PA
HAGSTROM, Neal, Boise, ID
HALL, Mark, Keene, NH
HARTLE, Francis P., Oil City, PA **
HAWKINS, Harold, Rio Hondo, TX
HOLLAND, Darrly, Riverdale, NY
HONKO, Arnold, Hornepayne, Ont.
HUSAK, Raymond V., Sunny Hills, FL
JONES, David N., Centerville, OH **
KERR, Peter J., Downsview, Ont.
LASKOWSKI, Steven J., Langhorne, PA
LEMEY, Warren H., Paramount, CA
LEONARD, George E. III, Hinsdale, IL
LONGSHORE, Alan C., Schenectady, NY
MALLERY, John, Shawnee, KS
MARTIN, William J., Newark, DE **
MAYER, Eric P., Loudenville, OH
MICCICHE, Robert, Floral Park, NY
MOONINGHAM, Tom, Camp Lejeune, NC
MOSELEY, Wayne W., Crestline, CA
NAVARRE, E.C., Mesquite, TX **
NEWKIRK, David, Bellingham, WA
PARKER, Charles W., Waynesboro, GA **
PECK, Martin, Bronx, NY
PEDALTY, Donald R., St. Paul, MN
PHILLIPS, Bob, Henderson, KY
POOLE, Forrest D., Portsmouth, OH
ROSELLO, Cosme D., Hialeah, FL
RUBIN, Joel M., Berkeley, CA
RUSSELL, James, Fredonia, WI
SABO, Shawn A., West Germany
SAUERLENDER, Philip, Alexandria, VA
SCHAFFER, Jacob W., Speedway, IN
SCHUMACHER, John, Elkins Park, PA **
SIMASCHKO, Michael, Milwaukee, WI
SIMPKISS, Andrew, Whitby, Ont.
SLOTA, Ron, Wanaque, NJ
SMITH, Bill, Eunice, LA
STOCKDALE, John A.,Bellefountaine,OH
SUMNER, Michael, Dallas, TX
TALBOTT, Terry Lee, Grandview, IN
TAYLOR, Ron, Benton, IL
TIMMER, David A., Hobart, IN
TRACY, John S., Houston, TX
TUNIK, Dr. Arvin, Thousand Oaks, CA
VRANES, Alex, Jr., Rochester, PA
VUKSICH, Paul M., San Francisco, CA
WARNER, Donald E., New Carlisle, OH
WILSON. Denis E.. Gloversville, NY

** Welcome back to NASWA!

NASWA

A REPORT FROM HEADQUARTERS

NORTH AMERICAN SHORT WAVE ASSOCIATION POST OFFICE BOX 13 LIBERTY, INDIANA 47353 U.S.A.

MARCH, 1979

SCHOOL SWL CLUBS: NASWA member Peter W. Knightes says he teaches physics at the Ellison High School in Killeen, TX and would like to form a SWL club within the school. He has talked about the hobby to some of his students and reports there may be sufficient interest to make such a group a possibility, however he need assistance in forming such a group. If there are any NASWA members who have been involved in organizing a similar group, he would like very much to have advice on the best way to go about forming a club and any other hints or suggestions. Those who can be of assistance should contact Peter W. Knightes, 2402 Custer Circle, Killeen, TX 76541.

RADIO CLUB DIRECTORY AVAILABLE: The Association of North American Radio Clubs (ANARC), a group of which NASWA is a charter member, now have available their "Directory of ANARC Club Publications and Services". This is a twelve page pamphlet which lists and tells about all of the ANARC radio clubs in North America, including information about their various publications and services, along with information on membership fees, etc.

This would be most helpful to those who might be considering joining another club(s), or knowing the areas other radio clubs might cover in their publications.

A copy of this pamphlet is available from the Association of North American Radio Clubs, 557 North Madison Avenue, Pasadena, CA 91101 for .50 cents in U.S. (or Canadian) currency.

WRTVH HANDBOOK: NASWA HQ continues to receive frequent inquiries asking if we have the World Radio TV Handbook for sale. Again, we remind everyone that NASWA does not have this reference book for sale. Those wishing to obtain one can contact Gilfer Associates, P.O. Box 239, Park Ridge, NJ 07656 who we are told have them for sale at $13.95 per copy postpaid in the U.S.

MORE ABOUT ANARC-79: As mentioned in an earlier issue of FRENDX, the 15th annual convention of the Association of North American Radio Clubs will be held this year in Minneapolis, MN from June 22 through June 24, 1979. This will be an "all band" convention, so anyone having interest in any of the areas of DX listening will be welcome. NASWA member Kim Andrew Elliott is Chairman. He,along with NASWA members Tom Gavaras and Greg Ravenhorst comprise the Convention Committee.

Details of the convention are not yet complete, but the tentative agenda includes equipment displays, seminars on all aspects of DX listening, club reports, exhibits of international radio stations as well as a chance to talk to many fellow DXers.

The convention registration will be $16.00 per person which will include the Saturday evening banquet. Hotel rates will range from $13.67 to $24.00 per person per night, depending on occupancy.

Send a self addressed and stamped business size envelope to Association of North American Radio Clubs, 1979 Convention Committee, 3320 Grand Avenue South #305, Minneapolis, MN 55408 for complete information which should be available by the time this appears in print.

ANARC FREQUENCY RECOMMENDATION COMMITTEE REPORT: NASWA member Bob Zilmer, who is the mid west group leader for the ANARC FRC advises that his group has been working very close with Radio Sweden.

After R. Sweden moved to 21610 at 1330-1500 beamed to North America, Richard Varron, Chairman of FRC informed them of the fact that VOA was also on this same frequency at the same time and suggested they move to 21615. This improved reception.

Also, by our reports to R. Sweden, we informed them that in the mid west, the jammer on 9695 at 2300 GMT was causing a big problem with reception of R. Sweden. They were informed that 9690 was clear from 2300-000 GMT, and by means of cablegrams they moved to 9690 at 2300-0000 GMT on January 4, 1979 which greatly improved their reception.

shortwave CENTER

JERRY A. LINEBACK, EDITOR
P. O. Box 325
St. Joseph, IL 61873

MARCH 1979

* * * *

The FRG-7000 has a rugged metal case with feet on the bottom and on one side. On the side opposite the feet, there is a carrying handle so the receiver can be handled like a piece of luggage. The front feet on the bottom are longer so that the receiver sits at a convenient angle. The receiver has its own front panel speaker.

The FRG-7000 has a built-in clock that displays local or GMT time at the flip of a switch. The clock also functions as a timer to turn the receiver or accessories on and off. Having a built-in clock that doubles as a timer is a real advantage, but I found it annoying to see the seconds flashing by while watching the nearby frequency display. There is no switch provided to blank the display. Also, the time base is 60 Hz AC and this requires that the receiver be continuously plugged into the mains. That is inconvenient for me as I am one of those nervious people who prefer to leave my receivers unplugged and disconnected when not in use, but . . . . Several of the front panel switches are for regulating and setting the clock and timer. The display, by the way, is in the 24 hour format.

There are several spring clips on the rear panel for antennas and a coax connector. Several RCA style jacks are available on the back for switching accessories (i.e. recorders) on and off. The record output jack is on the front panel. The receiver requires 117 volt AC (in the U.S. version) and there is no accessory power input (because of the clock).

The receiver comes with an instruction manual that is adequate for basic operation and does contain information on maintenance and allignment.

TUNING

The FRG-7000 is a Wadley-loop type triple-conversion superheterodyne type receiver. It has a two-control preselector, a MHz knob, the main tuning dial which turns 12¼ times for the 1000 kHz range, and a fine tuning control. There is also an RF attenuator switch and an S-meter that passes 20 dB just on the background noise.

The MHz band is selected with the MHz knob. There is a light that comes on and says "unlock" when the knob is improperly tuned. Even when the light is off, the MHz knob should be carefully tuned to maximum signal within that MHz. The preselector is then set for that band following the colored lights on the switch and colored stripes on the preselector frequency dial. The main tuning dial then can be used to quickly tune any frequency in that MHz band, with about a 40 kHz overlap at each end. Frequency is easily read from the LED display that is accurate to 1 kHz without calibration. Tuning is quick within any band, yet a careful hand can tune 1 kHz at a time. The fine tuning is needed only for SSB. Changing bands requires resetting the preselector and takes a little time, but no more than for other receivers of this type.

SELECTIVITY

The most important factor in evaluating the FRG-7000 is selectivity. The FRG-7000 comes with only a single ceramic filter available in the AM mode. It is rated at 6 kHz at -6 dB and 14 kHz at 50 dB. Compare this with the SPR-4's filter at 4.8 kHz for -6 dB and 10 kHz at -60 dB, and you will see the critical difference in the skirt selectivity.

Now, the stock 6 kHz filter does provide a sufficient audio range for great sound reproduction from strong stations and will separate stations 10 kHz apart. That is fine if you want to listen to WLS, but Yaesu is selling the 7000 as a communications receiver. The typical listening situations outlined below show that the stock FRG-7000 is a mighty expensive door stop for the DXer or for a SWL that wants to listen to any but the strongest stations.

Selectivity Comparisons

The following tests were made by actual side by side comparisons on the same stations at the same time and represent my subjective evaluation. I believe they represent a typical set of situations encountered in everyday listening and are of more value to you than bench testing. Remember that my FRG-7000 has two additional selectivity choices not available from Yaesu. All other receivers are stock models.

1. Signal attenuation: How many kHz away from the carrier to you have to tune before you notice significant attenuation of the signal? (Strong AM signal)

FRG-7000		RF-2800	
6 kHz stock ceramic	5 kHz	Wide	5 kHz
3 kHz SSB ceramic	1.5 kHz	Narrow	3.5 kHz
2.9 kHz mechanical	1.5 kHz		
SPR-4		**SP-400X**	
5 kHz	3 kHz	Not measured	

What this means is that a strong station on 6010 kHz can be heard at an overriding level on the FRG-7000 when it is tuned to any frequency between 6005 and 6015 kHz. Or to put it

another way, the stock 6 kHz filter provides an effective strong station bandwidth of 10 kHz. The other filters cut that down to 3 kHz, a big difference.

2. Station separation: Situation, 49 metre band, two strong stations 5 kHz appart. Tune to one or the other carrier frequencies, how much interference from the other station is heard?

FRG-7000

6 kHz stock ceramic-no separation, side bands mix and both stations heard
3 kHz SSB ceramic-separate with little interference from the other station
2.9 kHz mechanical-separate with little interference

RF-2800

Wide-separate with some interference from the other station
Narrow-separate with little interference

SPR-4

5 kHz-separate with little interference

SP-400

6 kHz-separate with some interference
3 kHz-separate with little interference

The FRG-7000 with the stock 6 kHz filter did not resolve the stations, the only receiver that failed completely. Yet, with either 3 kHz modifications, separation was better than any except the SP-400 set at 3 kHz, which it equaled.

3. Locating the weak ones: Situation, 49 metre band, weak signal with strong stations 5 kHz above and below, tune to weak station, do you hear it?

FRG-7000

6 kHz ceramic-weak station not heard at all, only adjacent stations mixing
3 kHz ceramic-weak station heard with a little interference from others
2.9 kHz mechanical-same as 3 kHz ceramic

RF-2800

Wide-weak station mixing with others, unreadable
Narrow-weak station heard with some interference

SPR-4

5 kHz-weak station heard with a little interference from adjacent stations

SP-400

6 kHz-weak station heard with some interference
3 kHz-weak station heard with a little interference

No filter can remove all interference in this case of severe side band overlap, but the stock FRG was the only one that failed to locate the station desired at all.

4. Stations closer than 5 kHz, DXing situation. 60 metre band, Reloj on 4832 and Tezulutlan on 4835, strong. Can they be descriminated. The signal strength in this situation is very much less than in the previous examples.

FRG-7000

6 kHz ceramic-no separation, Tezulutlan heard down to 4832 covering Reloj
3 kHz ceramic-stations separated with little interference
2.9 kHz mechanical-same as 3 kHz ceramic

RF-2800

Wide-no separation
Narrow-noisy, but each heard separately with a little interference from the other

SPR-4

5 kHz-separated, but with some interference from the other

SP-400

6 kHz-barely separated
3 kHz-separated with little interference

Again the stock FRG-7000 failed to resolve the stations adequately, but with either of the modifications, performed as well as the old SP-400 set at 3 kHz, and better than the others.

TONE QUALITY, QUALITY OF MUSIC REPRODUCTION

FRG-7000	RF-2800
6 kHz ceramic-very good	Wide-very good
3 kHz ceramic-fair	Narrow-good
2.9 kHz mechanical-fair	

SPR-4	SP-400
5 kHz-fair with built-in speaker	6 kHz+ - good
very good with external speaker	3 kHz - fair

As you can see fron the above, the narrower the selectivity the greater the reduction in audio range. See my selectivity article in the December FRENDX for detailed discussion. The audio chopping caused by the employment of the 3 kHz filters on the FRG-7000 is noticeable, but both music and voice are still quite listenable. There is a very slight subjective audio advantage to the mechanical filter that was added to the receiver I reviewed. The built in speaker on the FRG-7000 is barely adequate and an external speaker may be advantageous. The FRG-7000 does have a tone control which is very useful in reducing high-frequency noise while listening to voice transmissions. All of the receivers tested will benefit from the use of high quality communications headphones.

SENSITIVITY

All receivers tested here have adequate sensitivity on the higher frequencies. Only the RF-2800 is weak on 60 metres. The FRG-7000 has no problems with overloading and it is rarely necessary to use the RF attenuator switch. There is no other RF-gain control on the 7000.

STABILITY

There is probably no appreciable electrical drift in the FRG-7000, but an annoying dial backlash problem permits the frequency to drift up 1 kHz and requires the use of fine-tuning for SSB reception.

OTHER OBSERVATIONS

The FRG-7000 handles RF noise interference better than the SPR-4. On the otherhand, exalted carrier SSB reception is better on the SPR-4. This along with the lack of a notch filter on the FRG-7000, makes hets difficult for the Yaesu receiver to handle.

DISCUSSION

I will be direct. In my opinion the stock FRG-7000 is a turkey. Any person who wants to listen to more than the most powerful stations will be unhappy with it. However, the simple modification to use the stock SSB filter on AM will transform the receiver into a valuable DXing tool. Let's not remonstrate with Yaesu over their motives. If you have a 7000, and are qualified, modify it. If not, then get it modified by a competent technician. If you are looking for a good, high-quality, new receiver for your shack, give consideration to the modified versions offered by several dealers.

Radio West (3417 Purer Rd., Escondido, CA 92025, phone 714-741-2891) offers the FRG-7000 with the SSB filter modified for use on AM in the ANL position for $600.00 (October prices, write or call them for current information and availability). Radio West also offers a 3.8 and the 2.9 kHz mechanical filters for $85 each installed. They will also provide a switchable AGC control for $15. Write for their catalog of services and equipment.

Gilfer Associates (52 Park Ave., P. O. Box 239, Park Ridge, NJ 07656, phone 201-391-7887) also offers a modified FRG-7000. They have replaced the stock AM filter with their 4 kHz ceramic filter and have modified the SSB filter for use on AM. This package for $625. Again, please write or call them first for latest price and availability.

BOTTOM LINE

If you have the yen for a new receiver, a selectivity modified FRG-7000 will make a great receiver for you. It may be the best available for the price at the moment. I like it (with the selectivity modifications of course) and only the absence of a notch filter makes me rank it a little lower than the SPR-4 in overall performance.

* *

Senior DXers

DXING FOR SENIOR CITIZENS IS A GREAT HOBBY

by John W. Creamer, 670 S. Canosa Ct.,
Denver, CO 80219

Editor Jerry Lineback recently wrote me . . "That people should maintain interests in things outside of their normal work throughout their lives . . . In this way they can prepare

for the years when regular labours are no longer necessary."

As a Senior Citizen I can say this. . .To all the new and old members of our fine Club NASWA, that Jerry's words are true, very true. And after having over the past 60 years made radio and shortwave listening my hobby, I feel that everyone should strive to learn more about the technical side of our hobby. The more you know of it, the more you enjoy it.

For example, how many of you took advantage of the knowledge to be gained through the free courses offered by Radio Nederland? These were "Shortwave Antenna Course," "Radio Spectrum Course," "Radio Components Course," "Shortwave Propagation Course," and "All Around DXer's Course." Perhaps these may still be available from Radio Nederland, P. O. Box 222, Hilversum, Holland.

There are also many fine books available on the fundamentals of Radio. The U.S. has several good Radio Schools, which can teach you the fundamentals of radio, and much more, through their lessons by mail. I can recommend the National Radio Institute of Washington DC from which I took several courses. These helped me with knowledge, to become a final Radio and Electric Inspector on B17s and B29s during the second world war, with 250 different radio, electric, and radar items to check on each plane.

So, while you are growing nearer to your retirement age, learn all you can about the shortwave hobby, experiment with different types of antennas, see what works the better in your location, see if you can improve your reception, experiment with different kinds of receivers, advance to using direct or digital read-out types, thus eliminating any errors in logging stations. I still recall when Dan Ferguson advised me about this item, thanks Dan. And do not forget to make a card filing index system of the many good articles each month in the Shortwave Center. There's knowledge galore there.

I was first bitten by the radio bug in 1914. Only then it was called "wireless." Several of us young boys read of Marconi Wireless Telegraph Co. of America and of their trans-Atlantic stations. Phones were used to hear the dots and dashes that were audible. We built our own "wet" batteries and our telegraph keys were made from cigar box strips, with nails for contact points, we tride hard but were too inexperienced to become wireless operators.

In 1913 I started in what was to become my life work, Motion Picture Theatre business. As a machine operator, I was able to learn about electricity, wiring, about motors, generators, and mercury arc rectifiers that changed AC to DC for theatre projection.

My first radio receiver was bought about 1923, it was a DeForest MR6, a three tube set, it required one 6 volt "A"Battery, and three blocks of 22½ volt "B"batteries, headphones were used.

It was with this set that I used my first underground antenna. This was made of 50 feet of #14 insulated wire, wound in a spiral shape, flat like a sheet of paper upon a board, and burried three feet down, the end of the wire in the ground was put into a small medicine bottle filled with sealing wax, the upper end went to the receiver. Yes, medium wave stations came in easy. I often wonder if theis type of antenna would be of use today, why don't dome of you young people try it out on broadcast band stations, it may work and it may not.

My next receiver was an Atwater-Kent set, this came on an open "bread board" and not in an enclosed case. Next I got plans to build a 5 tube "Space Explorer", it was built from scratch and had 6 interchangable 4 prong coils covering 8 to 200 metres and 200 to 625 metres broadcast. It was an AC set with a 5" dynamic speaker. Using this receiver in 1939, I received a QSL from station HP5A in Panama. Then came a Hammarlund HQ-200 set, followed by a Collins 75A3 and a code transmitter. My license was KNØBVR, but my hearing was too bad for congested CW bands and I quit the ham game. Then I took Dan Ferguson's advice and got a Drake SW4A which I still use. I am using two different speakers and a pair of Telex Twin-set headphones.

On antennas...I have built and experimented with every type known, long wire, Windom, vertical and horizontal 3 piece aluminum beam for CW bands, half wave dipole of wire, folded dipole, multiband dipole, inverted L, inverted V, and whips. Best of all in my opinion, I use a Mosley vertical SWV-7, also a Mosley horizontal SWL-7 with a Balun, also a multiband covering 31, 25, 19, and 16 metres. I made it out of 300 ohm ribbon. This is an "insulated" antenna and it works very well, sometimes on some stations it gives a higher "S" reading than the Mosleys... build one and be surprised!

Now for a tip in getting your antenna up in the air -- there is a heavy duty masting available at Radio Shack stores, that comes in 5 and 10 foot lengths made of 16 guage steel with a gold enamel finish, using guy rings and guy wires, you can raise your antenna to a desired heights. This masting holds firmly and securely, the tubes are "swaged" at one end for a tight fit. I use this masting and am satisfied with same.

I would advise (if at all possible) at your location to rely on at least 3 different antennas, oriented in different directions, such as one from north to south and another from east to west. Then, while DXing a weak foreign station, select the one antenna that gives the better reception. Always install lightning arrestors!

Now as to selecting the different antennas, I used to bring the lean-in to my table and end it in a phone plug, then plug it into the receiver, one antenna at a time. This is OK and it works, but is too bothersome. There is available at stores a 3 position coax switch, you change antennas without changing leads. There is also a CB type of this switch that works with 2 different antennas. For my use, I made a small wooden box 5" square and 7" tall with $\frac{1}{4}$" pexi-glass front and back. In it I installed a rotary wafer switch. My three antennas each end in a phone plug, and they plug into three phone jacks at the lower back of the box, and from the switch by coak to antenna terminals on the receiver. Label the switch knob on front of the box, and you are in business.

One of my pet projects has been . . . Why dosn't someone come up with a fail-proof method of using at the same time, the combined output of both a vertical and a horizontal antenna into a receiver. I say that a system of matching networks would probably do it .. I took this up with engineers at Radio Canada International several years ago, but got nowhere with it. The main trouble is to be able to overcome the "phase angle" of the two antennas. At least some of you readers might kick it around and see what you come up with.

Mr. Lineback told me that he hoped there would still be plenty of DXing to do when he retired. I told him that there would be plenty of it, but it will be darn sophisticated in the years to come. So you can see that as a Senior Citizen, I am glad to say that over the years I have been preparing myself for a pleasant, and happy Radio Reitrement Policy, now you can do likewise. Yes, without any doubt, DXing has filled many needs in my retirement days and nights -- like when I can arise at any unearthly hour at night and tune in BBC and get the latest World News, without waiting for the morning paper to arrive.. and it has been a pleasure to share some of my experiences with you.

If I can be of any help to any one, any place in the world, regarding items in this article, I will be glad to try and help you, for in this way I will be repaying the many who helped me in years gone by. Just drop me a self-addressed envelope with a stamp on it and I will get busy.

* *

LP vs SP

LONG PATH OR SHORT PATH?

by Glenn Hauser, WUOT, Knoxville, TN 37916

Each December and January, DX listeners in the eastern part of North America succeed in hearing some east Asian or Indonesian stations on the tropical bands in the late afternoon or early evening, around local sunset. It has become customary to specify these loggings as "long path", in contrast to local morning loggings of the same stations which are undoubtedly "short path."

In is my belief that in most cases, the afternoon receptions are also short path, and it is not justified to assume they are long path, unless you have irrefutable evidence, such as an unambiguous peak on a rotatable directional beam antenna -- something very few DXers have, especially on the tropical bands.

There are a few assumptions which must be accepted before we can continue this discussion. 1) Tropical band signals require a darkness path, or a darkness-twilight path. 2) Radio signals travel along the shortest possible route, between two points known as the great-circle path.

If there is a substantial portion of the short-path great-circle route in daylight during a given reception, then it would be proper to assume the signal must be going around by the second-shortest possible route, the long-path great circle. If, however, the short-path great-circle route is in darkness, what reason is there to assume the signal has gone around the world the long way? I don't believe there is any reason.

You can check this easily yourself if you have a globe such as the National Geographic one that can move freely in a great-circle ring holder. These receptions invariably correlate with proximity to the winter solstice. So let's see just which half of the world is in darkness at sunset in North America around the winter solstice, when the terminator (line separating day from night) is tangent to the artic circle. At the moment the sun is rising in Pyongyang, North Korea (2850 kHz), it is setting along a line slashing across the USA from the Sask/ND/MT border, through Kansas City to Biloxi, MS. Everywhere east of the line is in 'night' at the same time Pyongyang is! So why assume the signal is travelling some 30,000 km around the long way when the prime condition for propagation - a darkness path - is met via the short route of only 10,000 km?

There are more 'iffy' situations where both routes are along the 'twilight zone.' But if the short path is substantially into the darkness zone, that means furthermore that the long path has to be substantially into daylight zone. This of course makes long-path propagation even more unlikely. So let's not jump to conclusions about long vs. short signal paths, when those conclusions run contrary to the path of least resistance.

NRH

OUT OF THE PAST . . . LITTLE NRH

by John D. Tuchscherer, 630 Winnebago Hgts.
Neenah, WI 54956

The amateur station in Heredia, Costa Rica that achieved international renown under the call letters HRH (which rightfully belonged to the U.S. Navy) switched in 1931 to the call TI4NRH. This station was easily heard in the U.S. and was very popular at the time. They operated from 2200-2300 and again at 0200-0300 GMT on 9830 kHz. The station was owned by Señor Amando Cespedes Marin. He was fluent in English, and anxious for listeners reports. All correct reports were verified. This station first went on the air in May of 1928 on a frequency of 9692.

Short Wave Craft magazine of Aug.-Sept. 1930 carried this item from "New York Daily Investment News."

"John Z. Adams as everybody in Wall Street knows, has made the stock brokerage business his avocation for the past 50 years, but his real vocation is radio. Several weeks ago he enjoyed a program of NRH. He immediately wrote a post card to tell the station he had received its program in Mount Vernon, New York, and asked that he be sent a few facts regarding the station, such as it's hours of broadcasting, number of watts and so on."

In due time the following letter was received from Amando Cespedes Marin.

"My dear radio fan, a post card is not always a thing to answer; it arrives by mail, unclean and looks cheap from the sender and a radio station many times does not care to pay attention to same; moreover, when it means that the sender did not have enough time or was afraid even to use INK, which is cheap and very gently looking."

"I am telling you all of that because I appreciate all good words from my listeners, BUT, surely enough, no one will get my certificate of reception which cost money, time and devotion, unless the inquiry comes full of details and as an inspiration from the miracle of radio DX hearing."

"Thus you will have to write a letter and state what you heard or what you are actually listening from NRH, and your Diploma will be mailed at once on the assurance that same will give you more light and more devotion to radio activities besides entertaining you."

"A post card is poor visiting card, or like if you were going to visit the governor of your city with a poor suit of clothes. It all counts in this life and I want all my listeners to be decent with little NRH, the marvelous station working with 7.5 watts only."

(signed) Amando Cespedes Marin

During 1935-6 Amando worked as an announcer at TIRCC, Radioemisora Catolica Costaricense, in San Jose. But one day he announced that TI4NRH would return to the airwaves on 31 metres.

TI4NRH was back on the air in 1937 on 9670. The mail address was still apartado 40, Heredia, just as it had been many years before. The transmitter was now a 500 watter and getting out well. There were still frequent announcements in English and reports were being requested. The schedule was 0130-0300 and 0430 to 0500 GMT.

I have no information on this station after 1942. The station's slogan was "The Voice of Costa Rica" and they had several interval signals but most often a bugle call. By this time "Papa" was engineer and director, while Amando Cespedes junior was the operator.

I had long since forgotten about this station until NASWA member Jack Jones brought it to my attention in discussing some old time logs (on our mighty one and two tubers) and Jack informed me that the elder Amando had written a book entitled "Me and Little NRH." To date a search for a copy of that book has been in vain, but I have not given up hope. With due respect to Senior Amando Cespedes Marin, my inquiries to book finders have been made by letter, not post cards.

* *

HELPING HAND. For Sale as is, HQ-180A. Audio output shot, otherwise worked fine. Manual and frequency tables. A good buy for someone experienced in 180 repair-rejuvination. Write your SWC editor at P. O. Box 325, St. Joseph, Illinois, 61873 for details or make offer.

This 'n That

Lots of items from the mailbox this month. I hope you don't mind if we take some space to get through some of the backlog.

Radio Shack's DX-300 finally made it to snowy central Illinois. Your SWC editor had an opportunity to tune one on display in the local store. It was presumably attached to some kind of outside antenna. I tested the selectivity, and while I could not put it to exaustive tests like those described for the FRG-7000, it seemed that strong stations filled a 10 kHz wide slot. The selectivity did not seem to be the only problem. The DX-300 is a Wadley-loop type of receiver, and like the XCR-30 there seems to be some difficulty in tuning the MHz dial to hear the proper frequencies. I was not able to get it to tune at all on 19 metres (the only SW band I tried) and on the local broadcast band, there was a very narrow spot in the movement range of the MHz dial where the local stations appeared. There is no lock-Unlock light to help. The DX-300 is an attractive receiver in appearance. It has AM, AM-ANL, USB, and LSB modes and a RF gain control. The attenuator and wide-narrow audio switches did not do much to the audio output. The speaker seemed adequate and the audio quality very good. Due to the problems with the MHz tuning and the single wide selectivity position on AM, my brief examination indicates that potential buyers should examine this receiver critically to see if it meets their expectations before purchase.

* * * * * * * * * * *

Alan Plotnick, Hamden CT, sent an item from the Christian Science Monitor 8DEC1978. Radio Station WSDR, Sterling, Illinois, has accepted an offer of free tapes from Radio Moscow. The free tapes, which must be returned to RM, are made available to stations. They include Joe Adamov's Moscow Mailbag, Moscow Meridian, and other features of RM English programming. We don't know if any of these tapes have been aired or what audience reaction might have been, but a follow up article in the Champaign-Urbana News Gazette indicated that WSDR checked with our Big Brother first. The article states that the U.S. Dept. of Justice has ruled that WSDR may broadcast commentaries provided by Radio Moscow without registering as a foreign agent. The station attorney said that the Justice Dept. wanted to be sure how the commentaries were going to be used and to be sure that the Russians were not paying to have the tapes aired. The station assured the Dept. that they would retain discretion over the use of individual tapes and would clearly label them as the Product of Radio Moscow.

* * * * * * * * * * *

Pirates Beware! An article appearing in a local CB column indicates the kinds of jams illegal radio operators can get themselves into. A CBer was caught using excess power. The FCC siezed $900 worth of radio equipment and the culprit received a $100 fine in addition to loosing his equipment. He later applied for a regular ham ticket and the FCC administrative judge ruled that the CBers past willful and repeated violations made his unqualified to hold any FCC license and denied his application. The judge wrote that the CBer's "promise of future compliance . . cannot erase the effects of his past willful and repeated violations of the commission's CB rules."

* * * * * * * * * * *

Jim Scott of Don Mills, Ontario, sent in an amusing article on "The Forgotten Band - Nighttime is the right time for shortwave" that appeared in the City Magazine a Sunday supplement to the Toronto Star, 4 February 1979. It is a breezy and very generalized telling about what one might hear on shortwave. It contains this gem, speaking of people who buy shortwave radios, ". . . along with shortwave buffs who get their kicks through the obscure hobby known as "DX-ing" -- tuning in distant stations."

* * * * * * * * * * *

Steve d'Adolf sent in an article on the expansion of Voice of America broadcast facilities that appeared in the 25 December 1978 issue of Electronic Engineering Times. The program will take 2 years and cost $37 million. Four 250 kW shortwave transmitters will be put into service in three locations, England, Liberia, and the Philippines. In addition, six curtain-antenna arrays will be built in England, eight in Liberia, and thirteen in the Philippines. These antennas will provide a radiated energy pattern that can be changed over angles of 30 degrees either side of the orientation of the antenna, thus providing electronic control of direction of transmission. These new antennas will replace older, less efficient antennas at the sites. The improvements at VoA will include upgrading of the 4 and 6 GHz satellite feeder systems. The VoA presently has 68 overseas stations in England, West Germany, Greece, Liberia, Morocco, Sri Lanka, and Thailand. There are 41 additional units in the U.S. About 22 million watts of radio energy are beamed out in 36 languages. VoA estamates they reach 75 million overseas listeners daily.

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From time to time your editor has received letters pointing out what are considered to be mistakes or mis-statements in previously published articles. It is my thought that the

original author is responsible for the accuracy of the material submitted to SWC. Rather than my printing "rebuttals" or contrary opinions that may be equally in error themselves, and as a result offending the original author, individuals that think something printed in SWC is in error may wish to contact the original author. If there turns out to be something that really needs correction, the original author or the complainant and the original author together, may submit a revision to SWC. An alternative is for the complainant to prepare an original article on the same subject(s) outlining the situation as he/she thinks it shouldbe viewed or done. Such articles must avoid references to the motives or intelligence of the original author.

We want all information presented in SWC to be as accurate and up-to-date as possible. The responsibility for this largely rests with the membership who submit articles to SWC.

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Index to SWC

INDEX TO SHORTWAVE CENTER - 1978

prepared by **DAVID K. MAXFIELD**

(Note: M. R. Leonhardt mentioned an index available from him in the January issue. Unfortunately, due to a misunderstanding, this is it. I did not put in in the Feburary issue because I thought he had an index, so here it is, sorry.)

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LAST MINUITE ITEMS: Your shortwave center editor still has a supply of NASWA Special Publication 3 (Introduction to shortwave propagation (Tuchscherer) and 4 (Results of the 1976 NASWA survey (Elliott)). I will ship both items to you for $1.00. Send payment and order to Jerry A. Lineback, P. O. Box 325, St. Joseph, IL, 61873.

* * * * * * * * * * * *

Syd Osterman, P. O. Box 5, Stn. S, Toronto, Ont. M5M 4L6 sent several items including the following notes on improvements to the DX-160 written by Mike Tiers in the January SWC. Syd believes that it would be very difficult to calibrate the S-meter as described, because of inaccuracies in calibrating the equipment used. The use of a 470 mfd capacitor across the audio stage will limit the audio output in addition to the noise. He suggests that tape recordings are better made from the volume control rather than the audio output. A Q-multiplier can be connected to the high-side of the first IF stage of the 160, but the output to a digital counter comes from a different location, the oscillator.

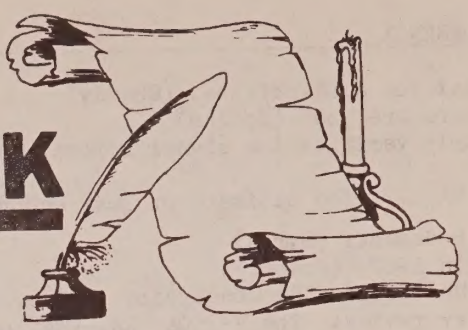
Mr. Osterman also reports that the SX-J90 has been sold in Canada for the last two years and Radio Shack-Canada has been 'clearing' them at $349 including speakers prior to stocking the DX-300. There may be a further reduction.

Panasonic makes an antenna tuner or coupler for the RF-2200, 2800, and 4800. The unit sells in Canada for around $45.00, which is a reasonable price for an ATU today. The appearance is good, but I have no performance information. I imagine it is a basic Pi network and will probably be suitable for most other receivers. Anyone in the market for an ATU should take a look at this one.

* * * * * * * * * * *

Thanks to our contributors. Keep the articles coming. 73 till next time. Jerry L.

listeners NOTEBOOK



MAR 1979

GLENN HAUSER
University Radio WUOT
Knoxville, TN 37916

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ENGLISH SCHEDULES

U S S R R. Kiev projected frequencies as from March: 2000-2030 6026-sic 7400 9640. 0030-0100 9580 11790 15100 15240 17870. 0300-0330 7400 9610 11790 12050 15180 15455 17720 (via Bill Simpkins, Feb ASWLC) more LN-13

U S A Per VOA graph schedule (so times may be off by 15 or 30 mins), AFRTS adds 11 meters for M79 and adjusts times on other frequencies thus: 6030 0930-1100 & 0100-0700. 9685 0100-0700. 9700 1200-1600. 11790 1730-0100. 11805 1100-1800. 15330 0430-0700 & 1100-0100. 15425 1400-1600. 15430 1100-1400 & 1600-0700. 17765 1700-2200 & 0430-0700. 21650 1800-0430 25620 (Dixon) 2100-0500. Also via Philippines 11835 1900-0100; 21670 0100-1900 (gh) LN-14

WYFR M79: 21615 1700-1900. 21525 1800-2100 (and Sun only 1230-1550). 17845 1700-2100 (and Sun only 1230-1551). 15440 1900-2300. 15160 1700-1800. 15130 1800-1900. 9690 2200-2300. 5985 0100-0500. (Bob Padula, ADXN) No info on sites exc. 5985 is Scituate (gh)

UGANDA UBC ES: 0300-0400 NAm 15325. 0945-1030 E&CAf 6030. 1445-1530 E&CAf 6030. 1615-1650 SAf 9515. 1805-1830 Su/Tu/Th/Sa WAf 15325. 2030-2100 Su/M/W/F NAf 9730 (BBC MS 1/79) Noted on new 9685 at 2030, apparently only Sa/Su/M (R. Japan DX 11/2 via George F. Holmes)

SWITZERLAND SRI M79: 0700-0730 & 0900-0930 9560 11780 15305 21520. 1100-1130 17830 21520 21545 21630. 1315-1345 15305 15350 17735 21520 21570 21545-SSB. 1530-1600 15385 17830 21570. 1815-1845 11720 11870 15235 15305. 0145-0215 6135 9725 11715 15305 11780-SSB. 0430-0500 6045 9725. 500 kW underlined. Note that 15305 replaces 9660 at 0145 to NAm; last year 15305 was excellent. All xmsns except 0900, 0145, 0430 are also on omni 3985 6165 9535 (gh)

SWEDEN Besides to NAm (cf Feb LN-13), other R. Sweden M79: 1100-1130 9630 21690. 1230-1300 15130 21690. 1400-1430 21700. 1600-1630 6065 15240. 1830-1900 6065 15240. 2100-2130 11845 9605. 2300-2330 1178-sic (via Pete Grenier) They forgot it's 1179 now (gh) SWAZILAND LN-14

SRI LANKA SLBC: 0030-0230 All-Asia 15425 9720 6005. 0230-0430 All Asia 15425 9720. 1030-1130 Japan/SEAs/Au 17850 15120 11835. 1230-1730 All Asia 15425 9720 6075. 1845-1945 Af/ME 17850 15115 11870 (BBC MS 18/1) EG for Eur, formerly 1845-1945 has been replaced by EG & AR for ME/Af at 1800-1945 on 17850 15120 11870. EG nx moved from 1900 to 1800 (BBC MS 1/2) All Asia Service booms in on 15425 1700-1730* but 9720 unheard (Gerald W. Arrington, CA, 26/1)

SOUTH AFRICA R. RSA had planned to switch 15220 to 5980 for M79 to NAm, but final sked shows 0156-0250 15220 11900 9610 9585. 0256-0426 EAf 11900 9585 7270 5980 4990. 0556-0700 WAf 21535 17780 15220. 1056-1156 Mon-Sat C&EAf/Eu 25790 15125. 1258-1550 Mon-Sat C&EAf/Eu/ME 25790 21535 15220. 1258-1459 Sun Caprivi EG/AF 25790 21535 17780 15220. 1459-1550 Sun C&EAf /Eu/ME 25790 21535 15220. 2056-2150 WAf/Eu 21535 17780 15155. 500 kW underlined (gh) (gh):

Domestic SW changed 1/2 (and may change again 4/3) to one xmtr at a time for English Service and Springbok Radio, while still two at a time for Afrikaans, which is clearly the first among equals now. EG: 4835 0358(Sat 0430, Sun 0500)-0815 & 1640-close down. 11790 0615-1640. Springbok: 4810 0300 (Sun 0400)-0625 & 1555-2200. 15285 0625-1555 (first time on 19m for many years). All-night R. South Africa 2200-0300(Sun 0400) on 4810. Market Reports & Meat Prices Mon-Fri 1605-1650 4990. Radio 5: 3980 0300-0545 & 1530-2200. 9680 0545-1530.

PORTUGAL AWR via Sines has EG Tue 2100-2130 on 9670 (R. Australia DX-Time 4/2)

PHILIPPINES R. Veritas Asia: 0030-0100 SEAs 17710 15275 15135. 0300-0330 India & SL 17710 15275 15135. 1130-1200 SEAs 15165 11805 9590. 1300-1330 India & SL 15165 11955 9590 (RVA via BBC MS 1/79) 15135 replaces 11725 at 0030; 15155 at 0300 (gh) FEBC on new 11855 ex-11890 2300-2400; 15395 also anc'd (Oliver T. Goonawardena, SL, R. Australia DX Time 11/2)

PAKISTAN Since 16/1 R. Pakistan WS to UK has EG 1700-1730 on 11677 9465; prior to that was in Urdu & Sylheti only; anc'd as also for WEu, Turkey, SAf (BBCMS 25/1) There is an EG news bulletin in the Urdu 0130-0230 on 17830 & 21590 (CMS Telegram 12/2) I think Steve Webster said on RCI DX Digest 12/2 that EG was at 0130-0230 (gh)

NETHERLANDS ANTILLES TWR revised tentative M79 sked as of 19/1 shows 11815 dropped to NAm in favor of 15255 thruout from 1100 to 1245 weekdays, 1330 Sat, 1415 Sun, 50 kW. Only other EG remains 0045-0130 11925 with 250 kW (gh)

NETHERLANDS R. Nederland M79 (B-Bonaire, M-Madagascar; rest Lopik). 0700-0720 WAf 17695 15235 11720. 0730-0825 NZ/Au B9770 B9715. 0830-0925 NZ/Au B9715. 0930-1020 Eur 11930 9895 7240 6045 5955. 1330-1420 Eur 11930 9895 6045 6020 5955. 1430-1525 S&EAs M21480 M17855. 1830-1920 C&E&SAf 17695 M11730 M6020. 2030-2120 C&WAf B21640 B17810 15220 M11740 M11730. 0230-0325 ENAm B9590 B6165. 0530-0625 WNAm B9715 B6165 (gh)

MONGOLIA Ulan Bator ES: 1220-1250 (not Su) SEAs & FE 6385. 1715-1745 (not Su) SEAs & FE 6385 (BBCMS 1/79) Usually reported as 6383; BBC lists no other EG freqs! (gh)

MALTA Xandir Malta's weekly pgm "Malta Calling" has been expanded and re-timed to Sat 0700-0800 via Cyclops 9670; at closing requested reports from overseas (Peter Bunn, RA DX 4/2)

JAPAN NSB EG at 1530-1615 GMT Tue-Sun on 3925 6055 9595. Japanese lessons for EG listeners at 1045-1100 on 3925 6055 9595; 2315-2330 3945 6115 9760 Mon-Fri (NSB Factsheet via James C. Clifford, Tacoma WA, 4/2)

KUWAIT; LEBANON LN-14

ISRAEL IBA tentative M79: 0500-0515 11620 11655 15105. 1200-1230 11655 15415 15540 17685 21495 25640. 2000-2030 9815 11655. 2230-2300 9815 11620 11655 15485 (Larry Magne, 24/1) These are not all the frequencies, but the ones of most interest in NAm (gh)

IRAN LN-14

INDONESIA VOI is using 15200 instead of 7108 at 0100-0200, 0800-0900 and 1400-1500 (Oliver T. Goonawardena, Sri Lanka, R. Australia DX Time 11/2) So far reported 0100 only (gh)

INDIA AIR: 1000-1100 NEAs/AuAs 17705 17387 15205 15190 11770. 1330-1500 SEAs 15335 11810. 1745-1945 EAf/UK/WEu 15190 15165 11620 9715. 1945-2045 N&WAf/UK/WEu 15165 11875 11620 9755 and from 2000, 9912. 2045-2230 UK/WEu/AuAs 15165 11740 11620 9912 9535. 2245-0115 GOS 15235 15110 11815 11770 9535 9525 7215 (BBC MS 1/79) Maybe changes as of 4/3 (gh)

CHILE LVCH noted at 1100 on 15110 17815 (Noel Green, BBC WRC 5/2) more, LN-14

CZECHOSLOVAKIA R. Prague anc'd that from 29/1 its 1630-1700 to GB&I on 7345 5930 would be repeated 2000-2030 on same. The 1900-1930 on 9345 9245 5930 will be repeated 2130-2200 on 6055 1287 (BBCMS 25/1) Tho sked since Nov, 17775 to Au *0730 not heard until 15/1, ex-15395 (Bob Padula, ADXN)

CANADA (Cf Feb LN-1) Make these changes in RCI M79 sked: 0615 & 0645 on 11775 not 11845; 9590 not 9635. 2000 drop 11855. 2200 17875 not 11860 (gh)

BULGARIA R. Sofia moved to 9765 in early Feb for 2130 and 0430 xmsns; but hrd at 0430 17/2 announcing old freq of 7115. The Soviets didn't bother to tell them? (gh)

BELGIUM BRT is good at 1710-1755 on 17745 in Af service (Gerald W. Arrington, CA, 5/2) This was reported as 17735, 17740 in past; do they keep shifting up 5? (gh) To 1610 with DST (gh) /more LN-14

AUSTRIA (Cf Feb LN-2) WYFR confirms that they will be staying on 5985 at 0100-0500 for M79 (Joel Rubin, Feb. REVIEW OF INTERNATIONAL BROADCASTING) And VOA sked shows no use of 6155 by any of its clients, so we may have a couple months of ORF reception (gh)

AUSTRALIA R. Australia is broadcasting the England v. Australia and Pakistan v. Australia test cricket commentaries on 15240 between 1/12/78 and 28/3/79. RA Shepparton 2230-0300 on 15310 ex-15410 as of 11/11 (John Mainland, Jan NZ DX Times) "Calling Antarctica", never given in RA xmsn skeds noted on 15260 19/1, Fridays only, 0300-0330. Uses 100 kW xmtr No. 2 with VLB program, 250° curtain (Robert Jones, ADXN)

ARGENTINA RAE sked dated 12/78 to 3/79 shows the usual 11710 and 9690 usage, no mention of relays by private stns as earlier reported, for what that's worth (gh)

ANDORRA (Cf Feb LN-7) R. Andorra with "R. Scandinavia" pgm to resume on 6215 ~~18/2~~ 25/2 (SCDX 20/2), Sundays in Swedish & Danish 1820-1920, English 1920-2020 (Roy Sandgren, R. Scandinavia, SCDX 6/2) 5/2)

AFGHANISTAN R. Afghanistan heard on 11986 1900-1930, announcing 15295 (Noel Green, BBC WRC / Latest is 11980 and 15140 at 1900 16/2 (BBC WRC 20/2)

OTHER SCHEDULES

VIETNAM Hanoi reactivated 10010, Chinese 0900, 0930, 1630. Regional outlets: 6262 Cao Lang, noted *1130-1400*. 6330 Son La hrd 1300-1400*. 4770 Son La good 1045-1225*, *1300-1400* 15/1, usually better than 6330. 4821 Ha Tuyen *1130 13/1 past 1340. 6872v Bac Thai, best of regionals, 1200-1400, varies to 6882. (Mike Willis & David Foster, Victoria, 31/1)

U S S R On 13/1, R. Moscow extended its Farsi service by 30 minutes per day: 1100-1200 obs on 15490 15350 11975 11755 9765. Other xmsns at 1500-1530, 1630-1730, 1830-1900 (BBCMS 18/1) Alma Ata's German broadcast for "Germans in Kazakhstan" is Sats 0730-0800 on 11950 9780 4545 and 182 kHz, and perhaps 6180 and 5970. Pgm consists of German record requests; latest info on hand is dated 7/78 (Gordon Darling, UK) It seems this group of ethnic Germans is related to a group in North Dakota, and there is some interest among the latter in hearing this (gh)

U S A (Cf Feb LN-7) VOA Hausa is at 1600-1630 on 21600 21595 17740 15320 12020 (BBCMS 25/1) This is the first time in memory that BBC MS has run an item on the USA (gh) For what it's worth, the VOA M79 sked unlists 21600 21595 and 12020, but 17740 15320 are Monrovia (gh) From Monrovia 12020 15330 17790 21600 + other sites. Hausa previously occasionally in WAf service feed at 0745-0815 (Robert Jones, ADXN) For Ams service, WYFR M79 shows Florida on: 17875 17805 15215 11855 11720 11805; Scituate on 15440 17730 15130 17845 9715 11855 5985 (gh)

U K O G B A N I At long last, "London Calling" carries exact frequencies, and even sites, for other-language services, info previously extremely difficult to obtain except in bits and pieces. Here are the complete M79 skeds for a few languages of interest:

Arabic. 0345-0545 11740E 11680 9825 9590E 7325(from 0445) 7140C 6120C 720C 639C. 1300-1630 21630 17715 15180 11720C 9640C 7140C 6120C 720C 639C. 1630-1700 21630 17715 15180 12040 6120C 639C. 1700-1730 21630 17715 15180 15040 7140E 6120C 720C 639C. 1730-1830 17715 15180 12040 9825(from 1800) 7140E 6120C 720C 639C. 1830-2000 17715 15180 12040 9825 7140E 6120C 6030E(from 1845) 3989C(from 1900) 1413E 720C 639C.

French (Africa) 0430-0445 9915 9600A 7130 7105A 6110. 0515-0545 11790A 9915 7210 7105A 6110. 0630-0700 11935 11790A 9915 7240 7105A. 1200-1330 21640 17810 15105A. 1815-1915 15105A 11785 9580A. (Europe) 0530-0545 648. 0630-0700 7230 6195 3952½ 648. 1115-1215 on 11780 9680 6125 810. 1215-1300 9750 5975 648 810 90200B. 1800-1900 9770 6195 648.

Portuguese (Africa) 2030-2115 15400A 11820A 11715 9825. (Europe) 2030-2115 11715 9825 7130 6030. 2215-2245 9620 7320 6030 3970. (Brazil) 2200-2415 15390A 12095 11820A 9765W 9600

Russian. 0345-0400 11945 11705C 9705 9615C 7285 7260C 7210 7120 6195 6015 5965 200. 0445-0500 17780 15390 12040 11945 11780C 9750 9690 7210 7120 6140 6030 1296. 1045-1145 Sat+Sun 21630 17855 17780 15270 15205 15180 12040. 1300-1330 21695 17740 15390 15245 11780. 1445-1530 17740 15245 15140 11855 11780 11680 9600 9580. 1530-1545 Mon-Sat same as 1445. 1530-1600 Sun 17740 15245 11680 9600. 1630-1645 Sat + Sun (English by Radio) 17860 15320 15140 11905 11780 9600 9580 7285 7210. 1645-1745 daily same as 1630. 1900-1930 15310 11925 11680 9770 9750C 9600 7260 7230 7110C 6070 6010 5990C. 2000-2100 15310 11955 11680 9770 9750C 9600 7230 7140E 7110 6070 5990C.

Spanish. (Europe) 1300-1315 17800 15270 11905 9680. 2115-2200 11715 9825 7235 6030. (LA) 0015-0215 15390A 11820A 9765W 9600 6110. 0215-0315 15390A 11820 9765W 9600 6110 6055. 0315-0415 11820 9765W 9600 6110 6055.

Believe the 6055 and 11820 just above are via VOA west coast tho not specified as such. Other relay site keys are: C=Cyprus. E=Masirah. A=Ascension. B=Berlin. W=Antigua (gh)

SWEDEN R. Sweden Swedish program-I SSB (5A3J) M79: 0500-0830 21550 SAs/Au. 0930-1200 21555 ME/SAs. 1200-1600 21555 ME/Af. 1600-1800 21550 Af. 1800-2130 15190 Af/LAm (via P. Grenier)

SOUTH AFRICA SAUK Afrikaans SW DS as of 1/2: 0348(Sat 0427, Sun 0457)-0820 & 1635-closedown on 4880. 0620-1635 11885. 0348(Sat 0427, Sun 0457)-0520 & 1750-closedown on 3955; 0520-1750 9560. See LN-1 for bilingual services (gh) /ar, France, SCDX)

ROMANIA R. Bucharest has pgm in Romanian for its merchant seamen Sun 0800 21485 (Robert Che-

NETHERLANDS ANTILLES TWR tentative M79: 9570 0715-1100 50 kW PT/SP/GM. 11710 0330-0445 RS/EEu, 0445-0500 AM/AR 50. 11900 · 0945-1030 250 kW GM. 11950 0215-0330 50 SP. 15275 2145-2215 50 FR (Sat Norwegian). 15420 2215-0215 50 SP/PT/RS. 15440 2245-0045 250 PT/SP/GM. 15440 0130-0300 250 SP (TWR Bonaire 19/1)

NETHERLANDS R. Nederland Spanish M79: 1230-1320 SWEu/Eu 15280 11930 9895 5955. 2030-2120 SWEu 9715 6085 6020. 2230-2325 SAm 11845 11730 9715 6020. 2330-0025 SAm/Carib B15315 B6020. 0130-0225 WSAm/NWSAm B15315 B6165. 0330-0425 Mex/CAm B9590 B6165 (gh)

MOROCCO Recent survey shows this for Rabat on SW from RTVM DS in AR: 1000-1100 15360 15335. 1100-1600 21735 15360 15335. 1600-1700 21735 15360 15160. 1700-1800 15360 15160. 1800-2200 15160 9540. 2200-2300 6170 6095. 2300-2400 15155 6170 6095. 0000-0100 15155 6170. Two more channels sked at 2200-2300, 15155 and 9540, but not hrd (BBC MS 25/1) From info in WRTVH 79 and VOA, it appears that RTVM now uses on SW only the VOA-Tangier facilities; no mention of previously used Sebaa-Aioun on 6190 (50 kw) or 7225 (10 kW)--the latter freq now used by Tunisia. Has anyone hrd 6190? Tangier sked is: 21735 (50 kW) 1100-1700. 15360 (50) 1000-1800; 15335 (100) 1000-1600. 15160 1600-2200 (100 + 50 synchronised). 15155 (50) 2200-0100. 6170 (100) 2200-0100. 6095 (50) 2200-0100. One 50 kW xmtr seems missing 1800-2200; maybe on another freq, or 3 xmtrs on 15160 (Robert Jones, Feb ADXN)

MONGOLIA BBC MS gives this DS sked for "Ulan Bator" but I believe some of these 60m freqs may be at new sites in other cities (gh) Span 2200-1500 as follows for Pgm-I: 2200-0100 on 5055 4995 4850 4790 4763 4082 227 209. 0100-1054 11855 7262 5055 4995 4850 4790 227 209. 1054-1500 5055 4995 4850 4790 4763 4082 227 209, last two including some ES. Pgm-II: 0829-1050 6385 5960 (BBC MS 1/79) ES: 0100-0130 Std Ch (announced but not confirmed) 6383 5960 4980. 0730-0800 Std Ch (Mon/Thu) 11855 7262 5055 4995 4850 4790 227 209. 1100-1130 Std Ch 5960 4950. 1300-1330 Std Ch 5960 4950. 1330-1400 Mong 5960 4950. 1330-1400 RS (Mon & Fri) 5055 4995 4850 4790 4763 4082 227 209. 1400-1430 Std Ch 5960 4950. 1430-1500 Mong 5960 4860. 2100-2130 Std Ch 5960 4950. 2130-2200 Mong 5960 4950 (BBC MS 1/79)

MEXICO R. México ES since 15/1 at 2155-0500(Mon-0600) on 17765 15430 11770 9705 5985 (BBCMS 25/1) Cf LN-1, AFRTS dropping 17765 for part of this, but extending 15430. A little more cooperation would be nice, or is Mexico showing off? (gh)

LIBYA SPLAJBC DS in AR keeps changing; on 25/1 11700 was added to previous freqs. 21650 was used for a while at 1000-1500. Latest check shows approximately 1100-1500 on 17800 15300 11600 9500, 1500-1615 11700 11600 9650 9500. "Voice of the Arab Homeland" ES at 1700-2200 on 11700 9650 7200 6100; 2200-0100 on MW only (BBC MS 8/2) Holy Qur'an Radio in AR at 0600-1800 on 6206 and 1611 kHz (BBC MS 1/79)

LAOS NRL sked broadcast 1/2 gave DS on 6130 & 640 extended to: 0330-0700, 0900-1600, 2200-0200, including Lao Soung lang, formerly on ES 7145 & 1030 at 1100, 1400, 2230 (BBCMS 8/2)

KUWAIT R. Kuwait DS in Farsi 0800-0955 added SW 9650 to 1341 kHz MW, then DS AR Pgm-II 0955-1600, Urdu 1600-1800 (BBC MS 18/1)

KOREA SOUTH KBS hrd with test in Korean 11/1 1600-1930 on 6240 (Sei-ichi Hasegawa, Japan, / SCDX 30/1)

ISRAEL IBA announced it would BC a daily 5-min Farsi pgm at 0449 on 575 kHz from 14/1 (BBC MS 18/1) And carried on SW relay (gh) Since end of Jan, IBA ES in Yiddish and Russian at 1530-1600 & 1600-1645 resp. have been on 15100 11700 9650 7200 to Eur & ME (BBC MS 8/2) This service is heavily jammed. These frequencies happen to coincide with those used for Soviet-backed "Radio of the Patriots" via Libya to Iran (see CRANNY) (gh)

IRAN "Familiar Voice" ES in Farsi to Iranians in Eu/NAf/NAm at 2030-0230 on 15084 9770 9022 contains VOI DS nx 2030-2130 apx. Timing of ES at 1730-2030 on 9022 has been subject to variation recently (BBC MS 18/1)

INDONESIA RRI Mataram sked per QSL: 2125-0100 3223 2492.5 855. 0600-0800 3223 2492.5. 0800-1530 3223 2492.5 855. Lately many stns in central Indonesia on extended sked, s/off varying till 1550 sometimes relaying presumed political pgm--rapid talk by man (Ernst G. Löhe Hamburg, Germany West)

GUATEMALA LV de Nahualá latest sked in Quiché, Cakchiquel and a little Spanish: Mon-Sat 1100-1400, 2130-0300. Sun 1100-1500, 1900-0300. On 3360 with 1 kW. V/S Juan Fidel Leppe Juárez is a stamp collector; they have a beautiful pennant (Steve Webster, CMS Telegram 29/1) DENMARK LN-14

EGYPT R. Cairo ES in AR to NAm at 0330-0430 apparently replaced by new 0200-0300 on 11745; not parallel to ES in AR to S&CAm on 11715 9740. (BBC MS 18/1) The 0000-0200 ES in AR to NAm is now on 12050 (BBC MS 25/1) "Sudan Corner" radio, to be renamed Nile Valley Radio, 1) per R. Cairo sked is at 0400-0600 on 9520, 1200-1615 on 11915, 1200-1525 on 15135 (BBCMS 25/

CHILE An apparent new sce from LVCH is hrd 0200-0730 in SP on 11720 15110. Anmts every 15 mins indicate it could be directed towards Argentina. Chilean mx hrd thruout (John Mainland & Brian Clark, Jan NZ DX Times) Is on 17800, 15110 and 11710 (Arthur Cushen, DX Jukebox 1/2)
I've always been curious why time stn CCV Valparaíso is never hrd or reported. Penpal Jacqueline Contreras B. of Concepción learned this from Chilean navy captain Víctor Valverde Steinlen, who is employed by CCV--Due to location and inadequate 1 kW omni antenna, the CCV staff isn't surprised reception is difficult to impossible in the USA. Sked in WRTVH is correct--4298 & 8558 kHz at 1155-1200, 1555-1600, 1955-2000 and 0055-0100 (Charley Hoffman)

BRAZIL R. Educ. Coari noted on 2490 to 0235* (Jan Tunér, DX Juke Box 9/2) more, LN-14

BANGLADESH R. Bangladesh, Dacca, DS: 0030-0400 on 6120 4890. 0600-1000 on 9550 7140. 1030-1315 9550 7240. 1315-1730 6210 4880. In Bengali except for 5-10 min EG nx at 0145, 0605, 0835, 1205, 1255 (Dacca local), 1530-1545, 1705. HF channels are subject to frequent variation (BBC MS 1/79)

AUSTRALIA R. Australia, Lyndhurst 30 kW ISB feeder now on 15870 USB most days, 2055-1730 and 1800-2000 usually with Indo and EG pgms; other days on 12190 (Robert Jones, ADXN)

ANGOLA RNA sked change: 0400-0800 3375 6175 7245 9535 9660 11955. 0800-1500 6175 7215 7245 9535 9660 11955. 1500-2400 3355 3375 4820 7245 9535. 4985 and 4790 have been replaced by 4820, which is also used irregularly by Huila (Richard Ginbey, SCDX 13/2) RNA Luanda moved from 4790 to 4985, 2200-2400* //3375 7245 9535. No sign of 3355 or 7215. RNA Menongue regional, Emissor Regional do Cunado Cubango, now on 1295 and 4780, 0700-1400 & 1700-2300 (R. Ginbey, RSA, SCDX 6/2) 4985 being hrd at 2130-2245; often a short bit of flute music as IS. This was thought to be Central African Empire, as reported in 11/2 DX Digest (Steve Webster, CMS Telegram 12/2)

ALGERIA Algerian R&TV DS in AR; HF channels subject to constant variation. 0500-2200 on 15160 11810 9705 9685 9640 7195. 2200-2300 on 15160 11810 9705 9685 9640 7195. 2300-2400 on 15160 11810 9785 9685 9640 7195. Kabyle Svc = National Network 2, also in Berber, on 6160 0500-0800, 1100-1400, 1700-2100, except Fri 0500-2100; Thu 0500-0800, 1100-2100. French Svc = National Network 3: 0458-0802 (Fri also 0802-1058), 1058-1700 on 9510. 1700-2100 7245. 2100-2403 7245 6160 (BBC MS 1/79)

ALBANIA R. Tirana ES in Std. Chinese 1100-1200 obs 13/1 on 14270 and 11950 (BBC MS 18/1)

AFGHANISTAN R. Afghanistan DS in Pushtu & Dari currently obs 1200-1340 on 6230 (BBC MS 18/1) This service, unlisted in 79 WRTVH was heard here on 24/11/78. They are still on 4775, fair (Steve Webster, CMS Telegram 29/1)

MISCELANEA RADIAL

WEST BERLIN SFB heard very well morningly on 6190 about 0700-0800, or does NASWA consider this W. Germany? (Stu Klein, FL, 12/2) SFB program via Bremen xmtr which uses freq at other times (gh)

VIETNAM (Cf Feb LN-7) The report of 4753 kHz was Indonesia, not Vietnam (Foxworth) Hanoi first pgm is carried on 4944 6450 10060, hrd at 1220. Second pgm on 6428 7416 10225, hrd 27/1 at 1200. Sometimes //, such as 27/1 at 1515. Ho Chi Minh City, hrd 22/1 at 1100 on 6165, good level, and 9622 was there too (Mike Willis & David Foster, Victoria) Back to 1530*, from 1500*. R. Hoang Lien Son's 1200 xmsn on 5593 extended from 1300* to 1315* (Isao Ugusa, New FEDXR 29/1)

VENEZUELA (Cf Jan LN-7) RNV still silent on 15400 as of 31/1. A check of FRENDX loggings shows RNV IS was operating in both Nov & Dec 1977 and Jan 1978 (SWNS Feb) more, LN-13

U S A Recent Family Radio duns reveal some of the operational costs claimed: Purchase of the Scituate site cost $950,000. $1,850,000 has been invested in the Florida site so far; of this, $400,000 is still owed on the original purchase price and is being paid off at an annual rate of $80,000. Construction of five more antennas will cost about $175,000. An hour of airtime can be 'sponsored' for $50 (gh)

AFRTS hrd at 1130 on 9915 USB, still at 1230 (B. S. Robertson, England, SCDX 30/1) On 9930 LSB, not daily, 1015-1245+, often better than in-band AM (Noel Green, BBC WRC 5/2)

VOA "New Horizons" hrd on 24740, 11/2 1527; was expecting eastern hemisphere site for this harmonic, but must be 4 x 6185 California at this early hour; no longer in sked (gh)

URUGUAY SODRE QSL gives freqs as 6125, 9620 (!), 11895, 15300. Hrd on 11785 s/off between 2320, 2350, in SP only; so 11895 may be an error; data need checking (Ernst Löhe, GFR) What became of 11885? Doubt some of those others too (gh)

U K O G B A N I (Cf Feb LN-14) "R. Rainbow" is an English by Radio program for French listeners of the BBC, hrd Sat 30/12 at 0515; believe it was on 7105; also hrd Sat 10/2 (Bob Lerner, Waltham MA) Check, at 0515 Sat 17/2 on 7105. May appear in other BBC French programs too, see LN-3 for sked (gh)

more LN-14

Cf Dec LN-8. BBC-1 TV audio still often heard in mornings around 41500 kHz; sometimes hets from several different offset transmitters, e.g. 1616 10/2; just before 1710 there were local non-// reports, after 1710 all for Pink Panther without the theme you'd expect. At 1745 had sports, and wx for NW Scotland, so probably Divis, Northern Ireland xmtr. Sun 11/2 at 1530, don't miss Mickey Mouse Club; then a remote from a dog show, and at 1645 a program on Vivaldi. What a mix! See March POPULAR ELECTRONICS for an article on this (gh)

SPAIN (Cf Feb LN-14) For the record, a DXer once checked out Arganda, and found it was not the site of jamming; but somewhere else within groundwave from Madrid (Larry Magne, PA)

SOMALI REPUBLIC R. Hargeisa noted at 1530 in Somali on 7120. 11660 has been off for nearly two years (Victor Goonetilleke, DX Juke Box 25/1)

SOUTH AFRICA; SUDAN LN-14

SINGAPORE R. Singapore hrd via short path 28/1 2220, 27/1 2235, out by 2300. Window as of last week of Jan was about 2240-2255, shortening and latering as spring approaches; on 5010 //5052.2 kHz. During March when sunset terminator is at right angle to equator, it is not possible to guarantee whether long- or short path is viable, but in winter must be SP since Antarctica is entirely illuminated (Robert L. Foxworth, NY)

SA'UDI ARABIA LN-14

ROMANIA R. Bucharest hrd 6/1 at 1537 on 23240 with DX pgm, 2 x 11770 (Derek Lowe, AR, ASWLC) I suppose this was meant to be 23540, which is really 2 x 11770 (gh)

PAKISTAN below

NIGERIA VON on new 15185, EG 0620 20/1 (Robert Yeo, ADXN) FR *1930 20/1 blocked after 2000 by WINB (Bob Padula, ADXN) 1700 AR, much stronger than //15120 (Noel Green, BBC WRC 24/1)

MONTSERRAT I have received a note from J. Keith Edwards, BBC supt. engr., stating that Montserrat is not operational for BBC xmsns (William Mann, Brantford, Ont., 22/1)

MONGOLIA R. Ulan Bator noted with DS 1000-1050* on 7262; 1100 past 1200 on 4077 4762 4995 (Mike Willis, Victoria, 31/1)

MALTA; MEXICO LN-14

PAKISTAN (oops) (Cf Feb LN-14) Tentative new freq of 4860 hrd most mornings from 1245 to 1315*, sub-continental mx, always s/off with short march like mx and anmt definitely mentioning Pakistani and Karachi; usually fair level but between two hets (Syd Osterman, Ont., 21/1) R. Pakistan has moved from 21590 to 21585 at 0605 (John Mainland, NZ, via Cushen, DX Jukebox 1/2) Sure not just a variation? (gh)

LUXEMBOURG (Cf Feb LN-6) Freq omitted; it was, of course, 6090 (gh) The SW xmtrs are at Junglinster, a plateau 350m above sea level. 6090 is omnidirectional with 2 x 250 kW. 15350 is 50 kW with antenna directed toward Canada (P. Crampe, tech, maintenance, RTL, via Pierre Hardy, L'Onde) First I'd hrd of such directionality (gh) /cf LN-11/

LESOTHO LN-14

LEBANON V. of Lebanon, 6550, carrier on 0447, celeste IS 0452, River Kwai March 0455, anthem 0457, pips and ID 0500, into classical mx with talkovers. Pretty good, amid QRN (Berg, MA)

LAOS A survey of activity mainly between 12/1 and 15/1: 6130 Vientiane--loudest, 1200-1435; all regionals relay 1200 nx. 7144 FS not hrd lately; maybe Asian on 7132 to 1430*? 4657 Houa Phan, fade in 1035-1430*, sometimes 1157*. 6187 Houa Phan, 22/1 here, but 12/1, 15/1, 27/1 was back on normal 6198. Fade in 1035-1157*, *1225-1430*. 6676 Xieng Khouang, one of best regionals, 1035-1305 12/1; 13/1, 14/1 -1300* also 22/1; 27/1 still here at 1200. 6596 Pak Se, sometimes easy, sometimes not, 1035-1330* 15/1 & 22/1. 6998 Luang Prabang, usually under ute, but still good, fade in 1120-1430* apx. Old 4703 channel empty. 6998 is steady with little drift. 7384 Savannakhet, 14/1 1235-1315; 27/1 dead-on 7385, avoiding Russian 7380 *1330, but collecting the nasty ute on 7385 (Mike Willis & David Foster, Victoria)

IRELAND can be heard via Shannon Aeradio. Others in NASWA regime would censor this due to alleged non-SWBC content. Hrd 6/2 *0600 on 2889 local level with EG wx. Is 1.5 kW non-dir. Beautiful QSL-brochure for r.p. VOLMET sked: 'nights" 2889 5533 8833; "day' 5533 8833 13312 on hour 00-25 and 30-55. Reports to ICAO Locator EIAA, Shannon Aeradio, Ballygireen, County Clare, Ireland. By the way, NASWA rulers, this is just one of my 167 HICs (Terry L. Krueger, Casselberry FL) See also CRANNY (gh)

ISRAEL LN-14

IRAQ V. of Masses DS in Ar obs on 11793 9576 ex-11785 9553 (BBCMS 18/1) Now observed on 11781.5, 9576 or 9553, 7170 and 6091.5 (BBC MS 25/1)

IRAN VOI anc'd 31/1 that the NIRT Int'l Service (BBCMS Ed Note: The DS to Tehran area mainly in EG) would be back on the air from 0430 1/2 after two-week break. R. Tehran, whose pgms were suspended 31 days previously, would also resume 1/2. TV would be back to normal soon. On 2/2 VOI reported that its own pgms would be back to normal next day and news would be hourly. Monitoring since 28/1 show VOI has replaced the Royalist martial music which preceded main news bulletins by the sound of an operating teleprinter (BBC MS 8/2) National Radio has been renamed Voice of Revolution (NPR news 1300 13/2 via gh) Oh, god, not another one.

INTERNATIONAL WATERS Voice of Peace ship, hrd on 5040 27/1 2100-2200 with IDs in EG, FR, AR, lots of pop mx and anmts, good reception; QTH Box 4399 Tel Aviv (Play-DX, Italy)

INDONESIA Here's a useful tip (gh) All RRI stations relay anthem from Jakarta at 1228, then give local IDs at 1231. Ujung-Pandang even has its own IS (Stu Klein, FL) (Cf Feb LN-7) 4753.2 was Ujung Pandang, not Vietnam. Drifts down a few hundred Hz, not stable--as low as 4752.8 and not so well heard now; Sat is in to about 2230 (Foxworth, NY, early Feb) RRI Tanjungkarang verie, partly in EG for 4002.6; it seems they like to see 4000 in reports. Says 3395 is //. Took four tries in one year; EG report OK. Cf Dec LN-6, RRI Padang veried 3960. RRI Bukittinggi on 4884.6v //3232 both weak in 1455-1530 period. After RRI Jakarta news at 1500 mostly Qur'an singing, as do many Sumaterans. RRI Banda Aceh on 4954.7 past 2318 with light mx, 2329 never-heard-before IS, into nx (Ernst Löhe, Hamburg, Germany West)

ICELAND 12175 USB hrd at 1210 with ID in Icelandic and EG, pgm in Icelandic, 1225 nx. On 12175 LSB is a USSR HS feeder (Noel Green, BBC WRC 5/2)

HAITI (Cf Feb LN-5) The 5641 stn is R. Familial in Port-de-Paix, received daily here as well as on 1410 kHz. Ron Schatz is not correct in his ID. I am only 50 miles from Haiti and can receive both stations. Please delete the La Voix du Nord ID; I have a good tape of their ID as R. Familial (Richard Clark, La Vega, Dominican Republic, 9/2) GERMANY WEST LN-14

GREENLAND 3999 first received this season 21/1, fair, lots of fading, little flutter. Very beautiful soft choral mx, girls choir, religious style; woman spoke in Greenlandic (?) briefly between selections. Best at 2229, much weaker by 2245. Often covered by SSB hams who zerobeat G's carrier. Presumed source of all-night carrier (Bob Foxworth, NY, 23/1)

FRANCE (Cf UKOGBANI, LN-5) TF-1 TV audio often heard mornings on 41250; however it usually turns out to be // to France on several 13mb frequencies. They run the radio net audio on the TV channel before evening TV programming (gh)

FALKLAND ISLANDS FIBS logged on 2370 kHz at SWNS HQ 0027 tune in past 0045 26/1. This confirms an unusual pattern of mid-winter deep trans-equatorial mediumwave reception first indicated by tentative BCB loggings reported in IRCA DX Monitor. ID at 0030 (Feb. SWNS)

ECUADOR Great 90mb reception GMT 7/2--La Voz de la Fé deep in mud, heavy ute QRM on 3375, Spanish ballads. It took over an hour of monitoring, but was able to catch tail end of ID "...la Fé" at 0316; SIO 222 (Charley Hoffman, Manheim PA) more, LN-14

CHILE R. Nacional hrd at 0030 18/1 on apx 13800 in SP (Joe Tangredi, NV)

CZECHOSLOVAKIA has resumed jamming R. Canada International at 1830 on 5995 in Czech & Slovak. 7230, 15325 and 17820 remain unaffected. They also jam BBC Slovak 1600 on 7320 and at 1830 and 1945 on 6125 and 7210. Deutsche Welle xmsns are also jammed. The only major western station not being jammed at present is the VOA (David Sykes, England, SCDX 30/1)

CUBA RHC on 9548 1245 12/1 (Joe Kelly, Victoria, ADXN) On about 5940 *1055 22/1 in FR, announced as 6060 but not there; xmtr trouble or OOB operation? (Jack Jones, MS) CONGO LN-14

COLOMBIA In the first days of 1979, R. Nacional deopped all SW frequencies. I called the station but they would not give me an answer (presumably Fernando Arenas, Colombia, CANDX) 4875 seems R. Súper network freq. A friend QSLed R. Súper Bogotá 8/78. Since Oct. R. Súper de Medellín IDs by call HJNX and 710 onda larga, no SW. IS, also used for TC is from "Pictures at an Exhibition" by Mussorgsky (Ernst Löhe, Germany West)

CHAD N'djamena on 4995 21/1 at 2234 in FR, balafon IS (Syd Osterman, Ont.) RNT has problems with 4904.5 xmtr; we have often noticed breaks in xmsn ranging from a few seconds to a minute or more; especially at 0428 sign-on (Steve Webster, CMS Telegram 12/2)

CENTRAL AFRICAN EMPIRE Bangui keeps drifting around 60m (gh) 15/1 on 5005 at 2030 (Steve Webster, CMS Telegram) 21/1 at 2157-2303* on 4994.5, tent. (Bob Foxworth, NY) 21/1 on 4995 at 2234 was Chad, see above. 24/1 0457 on 4998, 0522 on 4997, tent, very distorted (Syd Osterman, Ont.) 22/1 at 2223-2300* on 5005, very poor modulation. AP reported student riots in Bangui 19/1; Emperor Bokassa broadcast appeal for calm (Osterman) 24/1 on 5003 (Steve Webster, CMS Telegram) 3/2 at 2115 on 4985 (Jerry Berg, MA) 4985 4995 5003 5005 (Blumberg)

CANADA Per letter from CHNX, Nova Scotia, they receive an 'average of 25 letters a week from Scandinavia, Britain, Australia, New Zealand and the US, where SW reception is reported". (Jeffrey D. O'Donnell, Mineral Point PA) Maclean-Hunter Ltd., says it will purchase a majority of shares of Maritime Broadcasting Co. Ltd. of Halifax which operates CHNX, and CHNS (AM) and CHFX-FM. Sale for undisclosed amount is subject to CRTTCC approval. Maclean-Hunter says it will acquire 90% of stock with present owners retaining 10%. Maclean-Hunter publishes Maclean's magazine and operates other Canadian radio and TV stations (Toronto Daily Star 26/1 from CP, via Albert Bromley, Ont.)

CAMBODIA (see also CRANNY) R. Phnom Penh on 4908 stopped xmsns 7/1. Asiaweek reports that it closed down just 90 min prior to entrance of Viet-backed Cambodian troops to Phnom Penh. It returned to air 22/1, believed calling itself V. of Democratic Kampuchea. On 22/1 it was hrd with speeches and a little music to 1307*. Still on the air as of 27/1. Other recently used P-P frequencies, 11938, 6093, 9695, are off the air (Mike Willis, Victoria)

CABINDA heard on 5033 at 1930 but there may be no more QSLs, as the V/S has moved to Cubango (Jan Tunér, DX Jukebox 9/2)

BULGARIA BTA news agency reported 24/1 that Summer Time is to be introduced every year from 1/4 to 30/9, advancing clocks to GMT + 3 (BBC MS 1/2)

BRAZIL R. Mauá de Rio de Janeiro now IDs as "a Nova Mauá" with calls ZYD 491 on 1520 and 5055. R. Globo & R. Excélsior de São Paulo have joined in the Globo-Excélsior chain. R. Globo can be heard on 6125 and 9585. Among the major changes in prefixes: R. Ribeirão Prêto on 3205 is now ZYE 861. Lins R. Clube on 3225 is now ZYR 809. R. Clube de Marília on 3235 is now ZYE 870. Rdif. Uberlândia on new 3250 is ZYV 315. R. Alvorada, Londrina on 3335 is now ZYE 641. R. Cultura de Araraquara on 3365 is now ZYE 855 (Emilio Pedro Povrzenic, Argentina, SCDX 16/1)

BOTSWANA R. Botswana hrd on 3356, 4/2, first time I've hrd on 90m; signal at this time better than //4845. 0358 cowbell IS, anthem, YL in Setswana;hymn "O God Our Help" in EG. About the only 90m signal at this time (Syd Osterman, Ont.)

AUSTRALIA The new R. Australia Shepparton xmtrs have been observed testing during Jan on many freqs, sometimes with tone, at other times with music or Mailbag programs, and then started regular operations on 27/1. One of the tests was on 6045 at 0300 11/1 with a portion of Mailbag pgm repeated over and over. Speech clipping process seemed to be in operation (Robert Jones, ADXN)

ARGENTINA (Cf Jan LN-11) For the record, I hrd R. Spléndid on 6028v in early Sept (Pitt McNeil, DC, 26/1)

ANTIGUA/CANADA Acc. to RCI DX Digest 14/1, DW xmsns to WNAm on 6085 are from both Antigua & Sackville simultaneously. However the only location hrd announced at 0200 s/on is the Caribbean relay station (SWNS) That was a comment by George Jackson (gh)

ANGOLA (Cf Feb LN-4) Emissor Regional do Lobito has been reported on 7000. Fair sig on 7001 20/1 at 2207-2259½* Definitely Angola, as mention of R. Nacional during nx, but will take a rare day to get specific ID due to horrendous ham QRM (Jerry Berg, MA)

ANDORRA QSL card from R. Scandinavia gives address: P.O. Box 14006, S-20024 Malmö, Sweden (Jerry Berg, MA)

FUTURE PLANS

ZAMBIA ZBS says it needs more than 2,000,000 kwacha to get back to normal operations; there is a shortage of spare parts for studios, transmitters and field equipment and a shortage of technical staff (BBC MS 25/1) Most SW xmtrs--3346, 3295, 4965, 7250 and the ES and the 250 kW MW xmtr on 819 are off the air (Richard Ginbey, SCDX 6/2) The external service ceased as of 22/1 (R. RSA DX 11/2 via George F. Holmes, CO)

ZAIRE The State Commissioner for Guidance, Culture and the Arts stated, per an AZAP news agency report 20/1 that his dept. had initiated a pgm to overhaul all xmtrs in the country ASAP to ensure coverage of every area of the country (BBC MS 25/1)

W A R C 7 9 On 10/1 the Tunisian ambassador to UNESCO gave an interview in Dubrovnik to the Yugoslav news agency Tanjug in which he gave his views on the establishment of a 'new world information and communication order' by the non-aligned and developing countries. He stated that the non-aligned countries should appear as a unified front at the Geneva WARC (BBC MS 18 /1) Tanjug reported that a meeting of Radio & TV reps of Algeria, India, Korea, Cuba, Guyana, Iraq, Kenya, Nigeria, Tunisia, Yugoslavia and Zambia would take place in Havana 2/2 - 6/2. Per Tanjug, sources in Havana stressed that 'the inequitable distribution of radio frequencies in the world and the monopoly being still enjoyed in this field by some powerful international centres and companies have repeatedly been pointed out at non-aligned countries and UNESCO meetings'. (BBC MS 1/2) It now seems likely that some time after WARC 79, there will be a special conference on HIGH FREQUENCY BROADCASTING, to try to ensure more efficient use of the broadcasting bands. The date for this special conference will be decided during WARC 79 (Robert Jones, ADXN)

VENEZUELA El Observatorio Naval Juan Manuel Cagigal in Caracas is hoping to obtain permission from MinCom to begin xmsns on new 3200 //6100 (Los Diexistas de la Amistad, Venezeula, via SCDX 30/1)

SWEDEN In the budget proposed by the Swedish govt for next year, the STA has asked for funds to build new curtain antennas for our xmtrs in Hörby. The intent is to improve reception in EAs and NAm (SCDX 23/1)

SA'UDI ARABIA Turkish Anatolia news agency reported 16/1 that a new stn "Voice of Islam" would begin xmsns in June.. The Director of the stn, whose HQ would be in London, said it would BC in AR, EG, FR, RS, SP, TK, UD and would feature in particular pgms on the role of Islam 'in the struggle against atheism and materialism in the world". VOI would also broadcast news, statements by leading personalities of developing countries and cultural pgms.

(BBC MS Ed. Note:) Has been referred to both as "Voice of Islam" and "Call of Islam". This ES being set up by Saudi Arabia is thot to initially operate on MW, possibly 1521, 900, 612, 549, from xmtrs currently being tested (BBC MS 18/1) In a 21/1 report on the recent tour of Indonesia, Malaysia, Singapore and Thailand by the Saudi Info Minister, the Saudi News Agency quoted him as saying the object was strengthening relations in the field of info. This included i.a. improved reception of radio broadcasts from S.A., particularly pgms from "Call of Islam" radio. The Info Min added that agreement had been reached with officials in the countries he visited concerning installing Riyad Radio relay stations in those states (BBC MS 25/1) Speaking in Kuala Lumpur 21/1, the S.A. Info Min said the "Voice of Islam" would soon be heard in Malaysia (BBC MS 1/2)

NORWAY The new stn at Kvitsoey on Rogaland will be the most powerful combined BC stn in NEu when completed in the first half of 1982. Located on the island group between Haugesund and Stavanger, it will have two 600 kW MW xmtrs and two 500 kW SW xmtrs. A SW station is also to be built at Sveio north of Haugesund at the beginning of the 1980s (Programbladet, via BBC MS, via SCDX 30/1)

LAOS The Laotian news agency, KPL, reported that an agreement and protocol on Soviet assistance to LNR to build a 150-kW radio station were signed in Vientiane 8/1 (BBC MS 25/1)

La Voz de Cuba programs are carried by 120 stns including Voice of Free China and Rhodesian Broadcasting Corp. Purpose is denouncing human rights violations by Cuban communists, but not just 'down with Castro' trash. Produced by "young, educated Cubans' in Bell, California. Their ultimate goal is their own SWBC station to get their word out (Mark Basick, Feb. R.I.B.)

ITALY The people behind pirate ABC Europe are reported starting a legal private stn here. According to European Music Radio, the new stn will be called R. Nova International and will operate from Monte Fontane near Campo Rosso, directed to Riviera on FM Stereo in FR, but with EG, DT, GM during tourist season. The stn hopes to go on SW as well (Jeremy Ensom and Paul Walton, England, and R. Viking DX World, via SCDX 6/2)

INDIA Info & BC Minister, per AIR report 11/1 said there will be a considerable expansion in radio pgms thruout the country when a separate national broadcasting channel is implemented. At a Port Blair news conference, he said the govt was examining the possibility of setting up 'multi-channel stations' in various places. At present AIR has only one nationwide service in Hindi & EG (BBC MS 18/1) AIR reported 17/1 that its C.E. had said after 20 years of painstaking research, Indian electronics engineers had finally established the feasibility of long-wave broadcasting in the country and had advocated a changeover to LW xmsns for AIR (BBC MS 25/1)

FINLAND FIR would like the help of SWL organizations to find out the best length for our broadcasts in EG--at present 30 mins long, but we could expand to 60 mins so we could include more than one feature program. We are boxed in by schedules in other languages, so if we went to an hour, the sked would have to look something like this: 0900-1000 & 1900-2000 to other areas; and 1400-1500 & 2300-2400 to NAm. Are there enough people who would listen to more than half an hour during the week? We already have a special 2-hour broadcast on Sundays. Please reply to Patrick Humphreys, FIR, Box 95, Helsinki 25 (via NASWA HQ)

CANADA RCI will be moving to a building, currently under construction, five blocks west of the Maison de Radio-Canada, for the simple reason that the domestic French net wants the space we are occupying. There's nothing sinister involved. A number of other domestic net depts will also be moving into the new building (Ian McFarland, 6/2)

RCI's $9-million budget is to be slashed by about 22% and 38 of the 205 employees will lose their jobs. Until 1968, the international service was funded by special parliamentary grants. But it was decided then to integrate it into the budget of the CBC. CRTTC Commissioner J. L. Gagnon said the CBC BOD should not have power to cut the service. He said the political role played by RCI in telling the world about Canada should shield it from CBC cuts and that it should be financed directly by govt. To soften the blow of layoffs, CBC has been offering older staff early pensions. It also said that most of the 100-150 staff reduction would come about thru attrition (CP, via Montreal Gazette 20/1 via Ian McFarland; and via William Mann, REVIEW OF INTERNATIONAL BROADCASTING)

CFRB is installing a new 50 kW MW xmtr at a new site. As a result, CFRX will be going off the air because they don't have the space at the new site for a SW facility. They can't afford to maintain the SW xmtr at the old site. The new MW station will probably be on the air by Sept. 1979 or by 1980 at the latest. CFRX will be phased out about six months after the new xmtr goes on the air. All according to Paul Edgely of CFRB/X (Steve Webster, Feb DXO)

BRAZIL The RNB IS will possibly be reactivated during the first quarter of 1979; the band depends on the new xmtr/antenna installation (R. RSA DX Corner 11/2 via Geo. F. Holmes, CO)

AUSTRALIA Tho tenders have been called for some re-construction, it is unlikely that the Darwin facilities will become operational during 1979 or 1980, as there are several major replacement problems to be resolved. This is partly caused by the long 4-year period of non-operation (Robert Jones, ADXN)

UNIDENTIFIED 15300 trance mx, 'big ben' tune chimes on bells, 1659½ 3 time pips & Saudi-like ID, SIO 444 over RFI, 1700* (Jay Novello, NY, 17/2)
5780 7/2 0015 tape repeating until 0110/0120 with short march tune, "Malaya"(J. O'Donnell PA)
6240 1800-1930 28/1 3/2 4/2 unID lang, mx (Lawendel, Italy, PLAY-DX) Is R. Korea (BBCWRC 20/2)

CLANDESTINE CRANNY

Irish Broadcasting Corp., c/o 53 Charleston Rd, Dublin 6, was testing to East & Central America 4/2 1500-1730 on 11463 with good levels here tho some transmitter troubles with hum on USB and somewhat tinny modulation. A.k.a. Radio Condor. Played American heavy rock bands, frequent requests for reports and had a greeting for Don Jensen!! (Mike Barraclough, Letchworth, Herts.) Radio Condor to broadcast in the 19m band during Feb, besides regular 48m band broadcasts. Proposed sked: 0300-0500 15060, 1000-1300 6245, 1900-2100 15060; presumably Sun only. They may also transmit on 25m around 11500 kHz at 1500-1730 (Mark Hattam, England, SCDX 23/1)

R. United Ireland Press report says this mobile stn in a van to make DF difficult broadcasts Republican songs and propaganda in Dublin. No sked or fqs (John Dowling, DSWCI) Probably FM and not official, just a few enthusiastic individuals (John Campbell, DSWCI Cland. Ed.)

Empire Radio, hrd on 4980 around 0630 with address in Britain, phone and power as 2 kW. Probably Brith pirate usually on 48m band. Swaziland usually f/out by 0600 (Raymond Whitzman, Montreal, CMS Telegram 5/2) It was just Ghana, but why the Empire ID? (RCI 19/2) Store? (gh)

R. Sunshine despite reports of tests to NAm, is off the air. New studio being built and should return in early 1979 (Ken Baird, Scotland, SCDX 23/1) unID pirate on 7325.3 14/1 0915 pop song, very poor and fading quickly after 0930. R. Sunshine Int'l suspected as Gordon Darling reported them from England on 7325.2 (Pitt McNeil, Washington DC, TDXN)

R. Rastafari, 6254a, unofficial stn hrd 1200-1245 on a few Suns up to 3/12 but not 10/12. Frequent references to the European Rastafari Council, whose addr is Postbus 3063, Groningen, Netherlands (Michael Burden, Jan DSWCI SW News)

R. Caroline's 274-ton ship, Mi Amigo, 11 miles off the Essex coast, was listing badly and in danger of sinking. Five men aboard, three Britons and two Dutchmen, were rescued by the Harwich lifeboat after refusing to board a rescue helicopter from Manston, Kent (London Daily Telegraph, 20/1, via Syd Osterman) The studios were in two feet of water, and the ship's pumps out of order. A Caroline spokesman said a tug would attempt to tow the ship into harbor or at least try to recover the huge record collection on board. The Mi Amigo is more than 50 years old. During the last 21 it has been the home of R. Mercur, Atlanta, Veronica, Atlantis, Mi Amigo, and Caroline (Mark Ward, England, SCDX 30/1) more, LN-14

R. Provè da Mia (?), run by left-wing extremists in a working-class district of southeast Rome, was raided by Italian Secret Police. The private station was operated by the People's Committee of Giaportino (?). Twenty-seven people were arrested (IBA news 5/2 0500 via Marty Delfín, San Antonio TX)

R. Arthur hrd on 7420 around 0558 Sat 6/1. Said would return following Sat at 0700 (Andrew Korzun, NJ, SCDX 23/1)

R. Liberation, 7425, noted here 31/1 and 5/2 0130-0230 with EG M ancr, progressive rock (Grateful Dead, Foghat, Golden Earring etc.) and IDs, skits. Excellent sigs, and modulation on mx, but some voice audio clipping. Anc'd that QSL/pennants were forthcoming via reports in NASWA (Terry L. Krueger, Casselberry FL) Hrd 12/2 on 7425 30 over 9; had signed on at 0225 with music box IS, "from the arid marshlands of putrid Louisiana in the 41-meter free international broadcasting band" Same as program previously carried on Voyageur (Stu Klein, Gainesville FL) Sked apx 0130-0400 GMT Sun/Mon. Hrd 19/2 0248-0324 Pol Pot Exile Show (gh)

V. of the Voyageur, 6220.6, 14/1 0502 dedicated raunchy song to Glenn Hauser/Fine Arts Radio and went to 0600*. NOT heard weekend of 21/1 so this might've been last time on (Bob Foxworth, NY) On 7/1 the VOV crew dedicated "Helter Skelter" by the Beatles to you. I have not hrd them the last couple of weeks and wonder if they got caught. Again. (John Fisher, MA, 4/2) No longer active, not because of Mike Martin going to college, but because the xmtr blew up. They hope to get the final tubes fixed soon (Martin Bordt, Prescott Ont) Martin has decided to cool it since another FCC threat was received (Dave Walcutt, TX)

Voice of Venus called me 27/1 so I tuned in their very poor signal on 6990 LSB at *1930--barely audible. Later 27/1 (you mean 28/1 GMT? -gh) came back on 7412v LSB *0230-0500* with much better sig and 2 ancrs. Called again 1/2 and yielded this: Tom & Scott are friends of Mike Martin. They have about 170 W PEP on SSB and kW amp on hand. Both have advanced ham tickets and are obviously from MN area. Hrd on 7490 *0316 with big sigs on LSB, later USB with pops-theme is "Life's Been Good" by Joe Walsh. Looks like there's quite a bit of activity up in the frozen north these days and I'll bet the epidemic will spread (Bill Whitacre, MI) V. of Venus couldn't be run by Voyageur people (Martin Bordt, Ont.) Mike Martin denies knowing them (Dave Walcutt) "Scott Wylld" also called me 10/2 and ran a 'special broadcast for Glenn Hauser, who is in no way associated with this station" on 7488 USB after finding that proposed 14510 was inaudible. Conscious of MARS and tries to avoid them. Gave QTH on air as "in Bloomington County on Lake Street"; opening theme "Nothin' But a Heartache". Said he is 15 years old, and a DJ friend had been killed in auto accident in last few days. Ant described once as sloping dipole, later as inverted L at 60 feet; 0641* (gh) Scott called me 13/2 and tested on 7460 USB, guitar IS 0255-0300, hrd to 0320. Plans to get AM rig; is ham, in 9th grade. Probably has called other DXers to set up test (Dick Swanson, IA) LN-14

"PRN" Pirate Radio New England hrd testing on 1620 3/2 0400, and 10/2 0500-0900 on 1625, SINPO 33344. Said they were on some nights after 0500. Is in Worcester MA, phone 617-791-1117. Power unknown, but claims hrd in a lot of East Coast states (Don Coco, Rochester NH) Hrd 3/2 0935 on 1620 offering QSLs taking calls. At 1000* gave freq as "1.278 MHz". Used

212-355-9979; hrd next day 4/2 from *0752 saying were half-power and different antenna; much poorer. On phone they said 90 watts, NW of me in MA. Certain not the same as WFAT which came on around 1015 and took calls via same phone number. After FAT off 1100*, PRN hrd weakly on slightly higher fqy (Jerry Berg, MA) 9/2 at 0600 on 1620, phone ins to 212-355-9979; 0635 ID as PRN. Contemp mx. Bad audio qual. Lots of fade, tho 100% copy. "Radio Station PRN in Central New England." They played Chic's "La Freak" at 0655 whereupon I immediately flipped off my rcvr (Steven Kontos, 'the king of 1620 kHz pirate DXing', Centereach NY) 10/2 on 1624 0605 past 0845, calls to 617-791-1117. Many called for a QSL, soon to be printed. Audio problems eventually cleared up. Also IDed as "Jolly Roger Radio" and "Clear Channel Radio". Ancrs were Admiral Jolly Roger, Captain Jeff Bligh and Mr. Electricity, their engineer. Power about 100 W (Bill Yohana, NJ) They come in well here on 1624; look for Elton John mx (Martin Bordt, Prescott, Ont.)

"WFAT" hrd on 1625 28/1 0700-1100 with rock mx, taking calls; fair-to-good. 2/2 0700-1100 good, in NYC. WFAT not hrd on 3/2 when PRN was in (Don Coco, NH) 8/2 0540 phone talk show in progress (212) 355-9979 & 664-9979. Discussing Beatles. Fine audio, slight hum, no QRM, lots of fade, very strong, AM, 100% copy. 0551 "Fat Radio" 0555 jingle for "New York Weather" DJs are Larry McRae and Hal Hall. Anc'd freq is 1620. Mx played is all Beatles. Callers are also pirates, mentioned WEKZ, WLPE. 0613 taped ID jingles from stations all over country plus the "FAT Musical Carousel". WFAT is very professional, serve several important funxions --plays Beatle music, parodies commercial AM radio, gives me an excuse to stay up late and drink brewskis (Steven Kontos, Centereach NY)

"WEKG" noted on 1625a Sat 27/1 1000-1103*, gave same phone as WFAT, 212-664-9979, but ancr Kevin assured me no connexion tho he knows Larry McCrea and has seen his set up--a really efficient antenna system. Said he Kevin 'just threw some stuff together tonight and went on the air". Said he hadn't been on for a while. Surprised I could hear him in central PA, said power like all other pirates was 'definitely under 100 watts'. Has no QSLs yet. Said he might be back once a week; mostly phone talk and pop mx, like Saturday Night's "Blues Brothers". He said 'the audience can participate without any fear' and IDs frequently as "WEKG New York". Very pleasant to talk to (Brett Saylor, Altoona PA)

"WGOR" has become very active in past few weeks with YL DJ. "WENJ" back after 9-year absence on 1615 several times during Jan & Feb local early evenings. "WELO" (Electric Light Orchestra) a fan in NYC, around 0400-0500, loop phone 212-626-9900 busy a lot. "WLTE" (Louis Thomas Edison) on air recently per David Snyder & Andrew Blumberg, BDXC, not hrd here yet. "WNCL" (No Call Letters) is on 89.7 apx in NYC on FM, run by ex-FATperson J.K. Superstar (Martin Bordt, Prescott, Ont.)

"WCBX" on 1619.7 at 2242 27/1 tune-in, disco, off & on, 2332 ID as "The Original WCBX in New York - we're gonna go to FM, WLAY" Ancr called self "Screw Louie" and reminisced about 1972. Very strong and stable and no drift on signal (Robert L. Foxworth, Mineola NY)

"WARM" "the hot one from the sunny shores of the Kalamazoo River, 1615 on your AM dial", alluding to heavily polluted K'zoo River, rock steady on 1611 kHz exc. one QSY to 1610. Pop mx from Kenny Rogers to quite progressive; Pryor comedy skit; pops & crackles as connexions changed, loud hums, gross impedance mismatches. Mic on all the time. Claimed 5 watts. This on 31/1, said would be back next day at 2330, but on 1/2 was at 2230-2335*. No QTH given, tho I have pretty good idea. FCC monitoring post in Allegan is only 25 miles away. Doubt audible much outside of K'zoo, but he might up power if he's ambitious. If he does, get it fast. The drive from Allegan only takes a half-hour (Andy Robins, Kalamazoo MI)

"KDOR" Los Angeles, 830, is getting a lot of promo albums which KHJ and KMET won't play. The FCC may be reluctant to put KDOR off the air because Dorwart is reportedly confined to a wheelchair and the FCC is worried about public image, etc. (Claude Hall's International Radio Report 11/1 via Bob Foxworth, RIB) Seemed back up to full 70 watts around 1/1 (SWNS)

Numbers Female with numbers in irregular groups 15/1 1410-1425 on 5860 in Korean; also 20/1 1500-1514 on 4700. Spanish 4-digit number groups after 168-1234567890 repeated. Message began 0410. At 0428 she said "grupo 268" and then into more 4-digit groups. Broke off abruptly 0445, carrier off 0446, on 5800 (James C. Clifford, Tacoma WA) English numbers on 10570 28/1 2239 177-660-584, on AM by woman; background noise. Tail-end of letter groups 12/2 2231 in military phonetics on 23455 apx. "Alfa, november, yankee, break WØ-61776, end of message". Off and no return within next 10 minutes (gh)

Chile -Radio Liberation: Letelier murder trial witness Michael Townley won his stripes as an anti-marxist 'freedom fighter' when he built a clandestine mobile radio stn for anti-Allende propaganda by mounting a powerful xmtr in the rear of his Austin Mini car. During a 1972 truckers' strike against the govt, during which Allende put radio stns under state control, Townley's "R. Liberation" broadcast virulent anti-govt messages and songs--some written by Mariana Townley. He evaded the efforts by military intelligence assigned by Allende to locate the illegal xmtr (John Dinges & Kenneth Bredemeier, Washington Post 22/1 via Foxworth)

Borislav Vasiljevich, commentator on a 90-min Serbian pgm aired Suns by WIMS Michigan City IN was found shot to death on the NW side of Gary, police reported Thursday. He had been missing since 16/12. Motive unclear, but Serbian community spokesmen say they believe it was because of Vasiljevic's opposition to Pres. Tito. "This is the work of the Yugoslav secret police," said Urosh L. Seffer, pres. of the Serbian Nat'l Defense Council of America. Two other Gary Serbians had died in a similar manner in the past year (Chicago Tribune 3/2 via W. Pickard)

UN Anti-Apartheid Program On 9/1 the 1630-1650 UBC EG to SAf on 9515 contained a 20-min BC on apartheid prepared by UN Radio. The first 15 mins in EG, the rest in Afrikaans (BBCMS 1/2)

Voice of Namibia via Angola fair reception past 3 days EG political talk by Afro man, into dialect 1645. Some Afro mx in EG segment; on Luanda 9535 from 1630 (G.W. Arrington, CA, 26/1)

A Voz da Verdade hrd at 1600-1700, occasionally 1500-1600 instead, on 7180, very poor signals in Johannesburg. Irr. on Mon only, new EG & vernacular Voice of the Namibian People, hrd presumably from same xmtr, 1800-1900 or 1900-2000 (Vaclav Kořinek, DSWCI SW News) Amateurish low-power efforts unlikely to have South African direct financial or technical support. Best guess is that the stn is maintained by UNITA interests, operates with SAf toleration from Ovamboland in the north of SWA (a safer place than Angola) (John Campbell, DSWCI Ed.) On 4/1, a pro-UNITA stn was hrd on 7200 at 1800. ID consisted of a cock crowing alternating with a brief musical phrase from an African childrens' choir. Three mins later, "Revolutionary greetings, compatriots and comrades. We hope you are receiving us in good conditions this evening. This is the Voice of the ?Good Black Man's Resistance (Port: Esta é a Voz da Resistência do ?bom? Negro) broadcasting Tue, Thu, Sat, Sun at 1900-2000 local on 7200". (gh: rather than "bom", it's probably either "Povo" --people, or "homem" --man). Besides nx had 30-min message from UNITA leader Savimbi. Also obs 13/1 attacking Luanda regime and Russ & Cuban presence in Angola (BBC MS 8/2) It's "Governo" (DSWCI SW News)

Voice of the Liberation Fronts of Western Somalia and Abo obs on 9586, half-hour pgms in Somali, Oromo, Arabic at 1930, 2000, 2030 resp. promoting 'the struggle' of the Lib. Fronts, but hostile to the present Ethiopian regime. No ref to QTH but 9586 carries R. Mogadishu's ES prior to 1930. Similar pgms also obs since 7/12 on R. Hargeisa fqs (BBC MS 18/1)

Voice of One Lebanon via xmtrs believed to be in Iraq on 9510 and 6170 has not been obs for some time and are thought to have been discontinued (BBC MS 25/1)

Voice of Lebanon has switched from "Bridge on the River Kwai" to "Quo Vadis" as theme song; and Voice of Arab Lebanon, I think the Nasirite bunch, operate from a bombed-out apartment in Ashrafiyah, a pretty much demolished suburb of Beirut, per a report on CBC SUNDAY MORNING (Richard Stoller, NY, REVIEW OF INTERNATIONAL BROADCASTING)cf LN-5

National Voice of Iran, Persian-lang cland beamed from Baku in Soviet Azerbaijan, and other Soviet outlets, have accused the CIA of sending in scores of agents to try and prop up the Shah, and have also charged US Army generals with conspiring in a coup to restore him. The American Embassy in Moscow protested that Soviet news accounts were misrepresenting US policy and diplomats said the clandestine broadcasts to Iran from Baku were 'inflammatory'. The impression has been fostered abroad that all Iran listens breathlessly for its daily instructions from Soviet radio, which broadcasts 45 minutes a day. But a recent Western intelligence report noted there is no evidence that the broadcasts incited Iranians to violence. The Baku radio called on Iranian soldiers this week to establish 'revolutionary councils' and resist 'treachery' by their commanders (Craig R. Whitney, 27/1 New York Times, via Foxworth) Xmsns increased at end of Jan from National Voice of Iran, "Seda-ye Melli-ye Iran", anti-Shah and Anti-Iranian govt on 6025 kHz to: Farsi 1730-1745, 1800-1815, 1930-1945; Azerbaijani at 1745-1800 & 1945-2000 (BBC MS 2/79)

Radio of the Patriots, Persian-lang cland via Libya daily 1615-1645 is now on 15100, 9650, 7200 (BBC MS 25/1) Now on 11700, 11600, 9650, 9500. "Radyo-ye Mihan Parastan" is pro-islamic anti-Shah, anti-Iranian govt (BBC MS 2/79 & 8/2) US officials believe both National Voice and Patriots are controlled by the USSR. Address of Radio of the Patriots is a PO Box in Sweden. But Iranian electronics experts believe it has operated from East Germany, Bulgaria and the USSR (AP, 30/1 via NY Times 31/1 via Bob Foxworth & Malcolm Kaufman, NY) My novel guess is that the indirect influence of the KGB on R. of the Patriots must be rather strong (John Campbell, DSWCI) See ISRAEL, LN-4 "Samleng Pracheachon Kampuchea" (Asia Week, NFEDXR):

Voice of the Kampuchea People on 23/1 obs on 6088, 4907 and 917 kHz // usual 9753 7350 760. The new fqs are practically identical to those used by the former R. Democratic Kampuchea which broadcast from Phnom-Penh prior to 7/1. 9753 is practically identical to the channel that carried R. Vietnam's "C" DS before the fall of Saigon in 1975. MW 760 is the same as the 50 kW VOA-Hue (BBC MS 25/1) VOKP anc'd 1/2 that from 5/2 on its pgms could be heard only on 6130, 4907 and 940; however it continued to use 9695, 6088 and 917 after 5/2. These xmtrs are near Phnom Penh. VOKP on Viet fqs 9753, 7350 and 760 were in use thru 4/2. VOKP now operates from P-P only at 0400-0500, 1100-1300, 2300-2400, times broadly similar to those employed by the former R. Democratic Kampuchea (BBC MS 8/2) VOKP operated 2200-1700 in Cambodian on 9753, 7350, 760 from south Vietnam; pro-Vietnamese stn (BBC MS 1/79) Hrd as of 27/1 at 1100 past 1300 on 7350, 9753 (Mike Willis, Victoria)

Voice of Democratic Kampuchea ceased broadcasting 7/1, resumed 16/1. As received in Bangkok, same format as before, bellicose suport of 'patriotic war against Vietnamese aggression.' Intelligence sources point out that it is transmitted from Yunnan Province in the PRC (Asahi Shimbun 17/1 & Asia Week 26/1 via NFEDXR) VODK signs on with same music as before, and at 2355* the nat'l anthem of Demo. Kamp. "The Great Victorious 17th April" played with chorus. But both music are slightly different versions from what was broadcast from Phnom Penh (Isao Ugusa, NFEDXR 29/1) NY Post says it's from Kunming, southern China (Andrew Blumberg, NY) Sked anc'd 18/1 of 55-min xmsns: 2300 on 15600, 9470; 0400 on 17705, 11725; 1200 on 11990, 11600. 1500 on 15270, 1188. 2300 also obs on 11660 and 1200 also on 6825, all fqs used at other times by R. Peking ES. 1188 kHz is at Kunming, per 1975 Geneva Plan. This stn is

pro-Pol Pot regime (BBC MS 25/1 & 1/79) Hrd 28/1 on 11600 from *1157, weak jamming beneath (Jerry Berg, MA) It beams pgms giving encouragement to the Pol Pot scattered troups as they fight out the war in the west of the country (Mike Willis, Victoria) Radio has "Kill-a-Viet' course. The exile radio of the fallen Khmer Rouge Cambodian regime said yesterday it will begin broadcasting an educational course on guerrilla warfare to teach loyalist listeners how to kill Vietnamese. The one-hour, daily course is scheduled to begin today, from 7 to 8 p.m. local time each evening. Presumably, troops will be expected to apply their lessons later in the night (UPI Bangkok, via Providence Journal 7/2, via John Fisher, MA)more, LN-14

PROGRAM NEWS

U S S R/U S A WSDR, Sterling IL, a 500 watt station plans to become the first US station to broadcast "Moscow Mailbag"--right after Ronald Reagan commentaries, and to be followed by listener call-ins in reaction. The station was waiting for a ruling from the Justice Dept. on the legality of this (Bill Richards & Kevin Klose, Wash. Post, via Phila. Inquirer 29/1 via Nick Pappas) It's OK (Byrd)

U S A Among WYFR's "Open Forum" programs is one Mon 12/3 on "Can a Christian be troubled or controlled by Satan or his demons?"; and Wed 4/4 on "What is the significance of the fig tree in Matthew 24:32?" Carried i.a. next GMT day at 0305 on 5985 (gh)

U K O G B A N I A few BBC WS March highlights: The Architect--Monster or Hero? 26th 1000, & 2130, 29th 1430. Pidgin English 5th 1000 & 2130, 8th 1430. Einstein 10th 1130, 11th 1830, 14th 0230. A Visit to Oxford, 19th 1000 & 2130, 22nd 1430. Memoirs of Motoring Men 12th 1000 & 2130, 15th 1430. They Taught the World to Play Tennis, Golf, Cricket, Football: Tues 2030, Weds 1430, Thurs 0330 (gh)

SOUTH AFRICA R. RSA's NYE special "Sing-In 79" had 61 calls, 40 from the USA, 2 from Canada, 3 from England, 2 from location unknown but probably USA, 2 from one ship at sea, 12 from South Africa and Rhodesia, all connected with R. RSA. 5 repeaters, so 56 total individuals. 7 from NAm were from females. Full tally in Feb REVIEW OF INTERNATIONAL BROADCASTING (gh)

NETHERLANDS Bruce Parsons is leaving R. Nederland after 13 years to return to Florida. I'll really miss this fine conversationalist (Mark Basick, CA, Feb. R.I.B.)

FINLAND Among FIR's March hilites: 4-5 Mar, The Finlandia Ski Rally. 14-15 Mar, how Finns tackle the northern winter. 19-20 Mar, special coverage of the results of the Finnish General Election. 22-23 Mar, feminist writer Märta Tikkanen (gh)

CHINA R. Peking has added two new EG pgms, Travel Talk, on Fri, aimed at the potential tourist, and Music Album, Sun, popular Chinese songs, in addition to the usual Sat. feature, Music from China (Andrew Kerr, England, SCDX 23/1)
/more LN-14

CANADA Identities on CBC NS 0105 5/3 celebrates Year of the Child with songs, stories and interviews with kids of many cultures. At 0205 5/3, Celebration on the status of women in Judaism and Christianity. Nightcap begins ten readings (2 weeks) from "On the Edge of the Primeval Forest" by Albert Schweitzer, GMT Tue 6/3 0443, then nightly thru GMT Sats. Nightcap guests/subjects at 0420 are: 6/3 David Overby on French films. 7/3 Henry Moore. 8/3 Tom Lehrer. 9/3 actor Richard Woodsworth. 10/3 globe-trotting conductor Charles Dutoit(gh)

AUSTRALIA On 15/1 Glenys Dickson left R. Australia's Countdown to study ballet. She has no plans to return to broadcasting (Joe Tangredi, NV, Feb REVIEW OF INTERNATIONAL BROADCASTING)

DX PROGRAMS

(NOTE: The Feb. R.I.B. contains an hour by hour schedule of EG DX programs; some of this info will update it -gh)

TURKEY Checking VOT Sat 17/2 at 2235, no DX program was hrd; what is current sked? (gh)

U S S R R. Moscow DX program can be hrd in the WS Sat 1535, 1835, 2135; Tue 1835, Thu 1435. To NAm 2340 Sat; Sun 0140, 0340, 0410, 0610 (Richard Varron, ASWLC Feb) Usually starts closer to hour/half hour. Noted at 1533 Sat 10/2 on 38880 kHz (gh)

SPAIN SFR DX pgm to Europe now Suns 2045 & 2145, on 7275 9505 11840 in EG (Rob Sanders, Neth; Siegfried Heldt & Ralph Meiswinkel, both West Germany, SCDX 6/2)

PORTUGAL R. Portugal DX pgm not on 17/2. Rather than 'fortnightly', it appears to be on the 2nd & 4th Fris + following GMT Sats (cf Feb LN-13) (gh) PHILIPPINES; ANTS; NETH LN-14

NETHERLANDS R. Nederland DX Juke Box is adding another report from me to be carried on the 4th Thu (+ following GMT Fri)--"Review of International Broadcasting of the Air" (gh)

FINLAND FIR's "World of Radio" is beginning a new series fortnightly on "Sunday Best", edited by David Mawby. Part I, on The Frequency Spectrum, begins 11/3 with Longwaves. 25/3 Mediumwave band. 8/4 Marine & Tropical Bands. 22/4 SWBC. 6/5 SW Hams & CB. 20/5 SW Utilities. 3/6 VHF. 17/6 UHF & Satellites. Part II, The Communications Chain: 1/7, The Broadcaster's Environment. 15/7 The Studio. 29/7 Transmission. 12/8 Propagation. 26/8 Reception. 9/9 The Listener's Environment (FIR) No exact times given, but formerly the WOR spot was around 0915 and 1415 (gh)
BELGIUM LN-14

ECUADOR The HCJB Amateur Radio Club now has a regular 'rag chew party line' for those who want to discuss technical aspects of HCJB, Sats at 2100-2200 on 28580 and 21280 (HCJB)

CANADA Part II of RCI DX Digest DX reports will alternate in two month intervals between ODXA (Steve Webster) and CSWLI. The CSWLI reports begin 4/3 (CSWLI) For Part I, please keep your tips coming to gh, by prepaid phone if necessary, 615-522-4497 1300-0500 GMT (gh)

PUBLICATIONS

Review of International Broadcasting, March issue contains a country-by-country quick reference list of English broadcasts audible in North America, for the Mar-Apr season. Samples of this issue may be requested from gh, address p. LN-1, for $1 US or Canadian. A 12-issue subscription is U$12 in NAm (gh)

Great-circle maps, computer-drawn centered on your QTH, custom-made azimuthal equidistant maps, are $5 ppd via 3rd class worldwide; $5.75 ppd via first class in NAm; $6.50 ppd via airmail worldwide, from Bill Johnston, N5KR, 1808 Pomona Dr., Las Cruces, NM 88001. On 11 x 14 inch paper; all major political boundaries are shown but not labeled (Ham Radio 2/79) This is a bargain (Bob Foxworth, NY)

Imperialism & the Revolution is the latest 'book' by Comrade Enver Hoxha, a long tirade against all types of imperialists, being read by Radio Tirana (Joe Tangredi, Feb. R.I.B.)

NARA News on vintage radio tapes are $1 from North American Radio Archives, 3051 So. Jessica Tucson AZ 85730 (ANARC Newsletter)

DX Magazine, a FRENDX-like magazine of the World Wide DX Club, Postfach 1263, D-6380 Bad Homburg 1, West Germany. Has an extensive "Broadcasting News" section edited by Wolfgang Büschel, similar to LN but with more illustrations, repros of skeds. Also log sections on SWBC, MW, and Utility, the last of which is particularly good. Samples 2 IRCs; annual sub DM 18 or 24 IRCs for 12 issues surface mail; airmail rates on request (gh)

R. Luxembourg 1979, an annual just published, sells for about 1.5 pounds to anyone outside Europe. IMO should be made payable to RL (R. Lux. 4/2 via Marty Delfín, TX)

Australian Radio DX Club has a special DX Youth Year rate for people under 18: $10 by surface mail; $16 overseas surfacemail; $27 airmail to NAm. Also a joining fee, first year only of $3. All $ here are Australian. Box 67, Highett, Vic. 3190 (Feb ADXN)

Radio Viking DX World is no longer broadcast, but published. 10 issues for 20 Danish kronor, 4 dollars or 2 pounds, from Erik Bjorre, Tündervej 51, DK-6780 Skärbæk, Denmark (SCDX 23/1)

Mass Media Booknotes, monthly 16-18 pages, covers up to 50 different items in five to seven topical sections (FRENDX was recently mentioned). $5 per year in NAm, $6 elsewhere payable to Christopher Sterling, editor. Dept. of Radio-TV-Film, Temple Univ., Philadelphia PA 19122 (gh)

Broadcasting Across Borders: A Study on the Role of Propaganda in External Broadcasts, the 8th number in the "Göteborg Studies in Politics" series. 300p book by Rutget Lindahl, paper, LiberLäromedel Lund/C W K Gleerup, 1978, 35 Swedish Cr.; oriented to broadcasting to and from Sweden (Mass Media Booknotes 1/79)

World Broadcast News is a six times per year new supplement to Broadcast Management/Engineering, 295 Madison Ave., New York NY 10017. $30 per year but free to those with broadcast operations outside the USA. Besides lots of ads, contains some news columns on world broadcast developments, surveys of international equipment use, regional reports, new equipment analyses, etc. (Mass Media Booknotes, 1/79)

World Broadcasting Information, a portion of which appears in LN credited to "BBC MS", is 19 pounds per year; or samples for 1 IRC to BBC MS, Caversham Park, Reading RG4 8TZ (WRC 24/1)

Telegram, Canadian Monitoring Services (cf Feb LN-12) it can now be revealed, is produced by Steve Webster. It is still evolving, including a few original DX tips and many items from SCDX and BBC WRC (gh)

USSR HF BC Newsletter because of increasing costs has changed subscription rate to $3 for 10 issues. Feb. issue has extensive site-by-site list of best bets for QSLing each listed site, a rather esoteric game since UHN also reveals that most of these listed sites are wrong. Roger Legge, Box 232, McLean VA 22101 (gh)

DX Digest issued an expanded 'annual' issue in Feb, including articles by Cushen, Marks, Heim, Hauser, Thompson, Peterson, Mazumdar, Padula, Manohar, Dey, Van Gelder. The 48-page offset magazine will be sent anywhere by airmail for 10 IRCs to A.D. Gupta, GPO Box 2648, Calcutta 1, India (Indian DX Club International)

Dominican Republic stations 60-minute cassette is available for 1500 lire; as is a 60-min cassette with many jingles of English local stations, from Play DX, Dario Monferini, via Davanzati 8, 20158 Milano, Italy (PLAY DX 5/2) Domestic price not including overseas postage.

LAST MINUTE ITEMS

VENEZUELA Some new assigned frequencies of stations which may not be on air; xx) refer to WRTVH entries:

21) 2370 1kW YVQP R. Puerto La Cruz ex-3365
67) 3305 1 YVQG R. Carúpano
12) 4790 1 YVQN Ondas Porteñas, P-L-C
44) 4920 1 YVWJ R. Tricolor, B-meto ex-4820
28) 4930 1 Radiovision 860, San Cristóbal
70) 5060 10 YVRK R. Ideal, Caraballeda
59) 5070 10 YVKD R. Zulia, Maracaibo
143) 6090 1 YVRJ R. Jardín, Boconó (was QSLed a year ago in Sweden)
81) 6140 1 YVWF R. Petrolera, Ciudad Ojeda
(WRTVH, via Tor-Henrik Ekblom, DSWCI SW News, Feb.)

U S S R Mar/Apr IFRB listings daytime to ENAm: (* 500 kw) 9505*Kenga 1730-2300, 11705 Serpukhov 1630-2000, 11770 *Kiev 1100-2200, 11790 *Riazan 1100-1500, 15135 Vinnitsa 1200-1530, 15150 *Minsk 0800-1800, 11870 Kaunas 1800-2330. WNAm: 11790 Blagoveshchensk 1530-2130, 9540 Petropavlovsk 1530-2030 (Feb UHN) RMWS on new 12060 strong all day, beamed here? (Novello)

U S A AFRTS changed to 21570 ex-21650 18/2 2130-0400 (Andrew Blumberg, NY) Guess M79 too(gh)

UKOGBANI The BBC ES Rampisham site was cut off by snow. Staff had to work 24 hour shifts since relief could not get through (Ariel, via Gordon Darling, WDXC Feb) Besides ch. B-1 TV audio on 41.5 MHz I'm hearing almost daily B-1 video on 45.0 and E-2 video on 48.25 MHz! (Randall Clark, Parkersburg WV 26101) /RSA, DSWCI SW News Feb)

SWAZILAND TWR in EG on new 9640 0430-0835 & 1200-1415. 3200 & 5055 dropped (Colin Miller,

SUDAN Omdurman noted 10/12 on 5028 at 1941 rather generously modulated, 1958 gong, ID, ex-5039 (Feb DSWCI SW News) Note Sa'udi Arabia also reported on 5028 (gh)

SOUTH AFRICA Springbok R. regular on 9620, 2 x 4810 (Richard Ginbey, RSA, Feb DSWCI SW News)

SA'UDI ARABIA Riyadh SSB feeder //5875 hrd on 5027 at 2030, 6880 at 2150, 3867 at 2045, but none simultaneously, all very strong, extreme distortion (P. Karagianis, WRTH, via Feb DSWCI SW News) BSKSA noted on 5068v 2235-2300* //6877 6085; 60 Hz hum, distort (Bob Donly, GRAM)

PHILIPPINES The RVA DX pgm "Listeners International" now has 20 min incl Mailbag and Technical Session, Sats 0030, Mons 1300 (Alok Das Gupta, Feb IDXCI DX Digest)

NETHERLANDS ANTILLES/MONACO A couple of checks at 1200 Sat on 11815 show no more "DX Special" from Bonaire either (gh) It was not discontinued for lack of response but because both producers had to return to the US. Al Stewart has already. After Tom Streeter returns to Monte Carlo there might be a possibility of the original English edition returning (Thomas Drescher, GFR, WDXC Contact)

NETHERLANDS Dick Speekman is leaving RN and DX Juke Box will be taken over by Frits Greveninng, who has substituted for him in the past. We'll miss you, Dick (gh)

MEXICO New station on SW is R. Educación, 6185, hrd until 0700* by Ernie Behr, Dave Walcutt and me. Is //1060 XEEP per anmts, and SW call sounds like XEPPM or XEPPN. This succeeds a stn once active on this freq, La Voz del Maestro. Both in Mexico, DF. Hrd 20/2 (gh)

MALTA AWR Europe was off the air here from July to 3/12/78 due to technical problems (DSWCI)

LESOTHO RL has dropped 4800 for some time, probably xmtr trouble (Ginbey & Miller, DSWCI)

LEBANON R. Lebanon LAm svc now on 17710, 0030-0100* SP (Andrew Blumberg, NY, 15/2) 16/2 at 2329 going from PT into AR, SIO 353 (Jay Novello, NY) 23/1 EG to NAm on 11925 at 0233; not hrd every nite; Afro svc in EG 27/1 1830 on 15180, QRM BBC (Bob Donly, SC, SPEEDX GRAM)

KUWAIT R. Kuwait EG now: 0500-0800 on 21545 ex-17820 (B. P. Abraham, India, SCDX 20/1) 1800-2100 on 15345 ex-12085 (Siegfried Held, GFR, et. al., SCDX 20/2) Feb WDXC Contact)

ISRAEL Jammers have been off IBA some evenings, notably on 15655, 11960 (Russell Shapiro,

GERMANY WEST RFE/RL ISB feeder 19/2 1359 on 25350.0; no jamming, how come? (gh)

IRAN's EG at 2000 is gone (Andrew Blumberg, NY, 15/2) Back after short break (BBC WRC 20/2)

ECUADOR R. Quito has moved from 4920 to 4875, hrd at 0500 (W. German SCDX reporter, 20/2)

DENMARK R. Denmark will use 17735 from 4/3 at 1200-1255 & 1830-2025 (Andrew Blumberg, NY)

CONGO No sign of Brazzaville on 6115 9610 9715 15190 (Richard Ginbey, RSA, DSWCI Feb SW Nx)

CHILE LVCH anc'd this EG sked: 0100 0230 0400 1100 1400 2030 2330 (C. Relvas de A., SW News)

CANADA CBC Stage, Sun 4/3 2105 presents "The Friends of Chamber Music" on 9625/11720 (gh)

BRAZIL Some stns not in the WRTH (79? gh): 2310, R. Progresso de Souza, ZYG48Ø, 0800-0300. 3245, R. Em. Aruana, ZYF915, hrd 22/1 to 0258* (Djacy Frank Silva, Brazil, Feb. SPEEDXGRAM)

BELGIUM BRT in EG at 1710 now on 15285 17745 (Cushen, SCDX 20/2) DX Corner by Ursula on BRT has been cancelled. But DX-ORU on RTBF continues (Telex, via IDXCI Feb DX Digest) Well, I hrd an EG DX pgm done by someone else at 0035 19/2 on 6080 (gh)

CLANDESTINE CRANNY

R. Caroline (Cf LN-9) The Mi Amigo was declared a wreck 2½ years ago. A tender went to salvage the record collection 20/1 (WDXC) The morning of 21/1 the M/V Mi Amigo sank. A new ship, the M/V Epivan, will be transmitting R. Delmare days, R. Caroline nites (DSWCI) R. Caroline due back 18/2 on 774 kHz (SCDX 20/2) /Koelble, Canton OH)

Voice of Venus heard 16/2 at 0247 on 7410. Wild mentioned VOV report on RCI DX Digest (Mick

V. of Palestine Revolution via Algeria hrd 1700-1800 on 7195 9685 11810 15160 (Bloch, DSWCI)

Bizim R., V. of Turkish Communist Party, sub-ID, hrd 2030-2055 30/11 6200 (J-J Bloch, DSWCI)

V. of Omani Revolution, via Libya, at 1830-1845 on 6100 9500 9650 (Jean-Jacques Bloch, DSWCI)

V. of Rev. Party for Reunification black in NK opens 1000 on 4115, switches regularly to 4109 at 1035 (Pitt McNeil, Feb DSWCI SW News Clandestine News)

V. of the Arab Front of Egypt 14/3/78, Cairo paper "Jaridai Misr" accused Libya of causing set up of this cland, opposed to present Egyptian govt, in Malta (Bernard Chenal, DSWCI)

Cubans Besides Abdala and Libertad Cubana, there is a Radioescuchas Nacionales cland in the 7070-7090 kHz range, very occasional and irregular. On "R. Rebelde", one of Comandante David's messages was an order for rebels to converge on and disrupt a meeting of the National Youth Congress of Cuba. Hams jam with CW dots (David Crawford, DSWCI Feb)

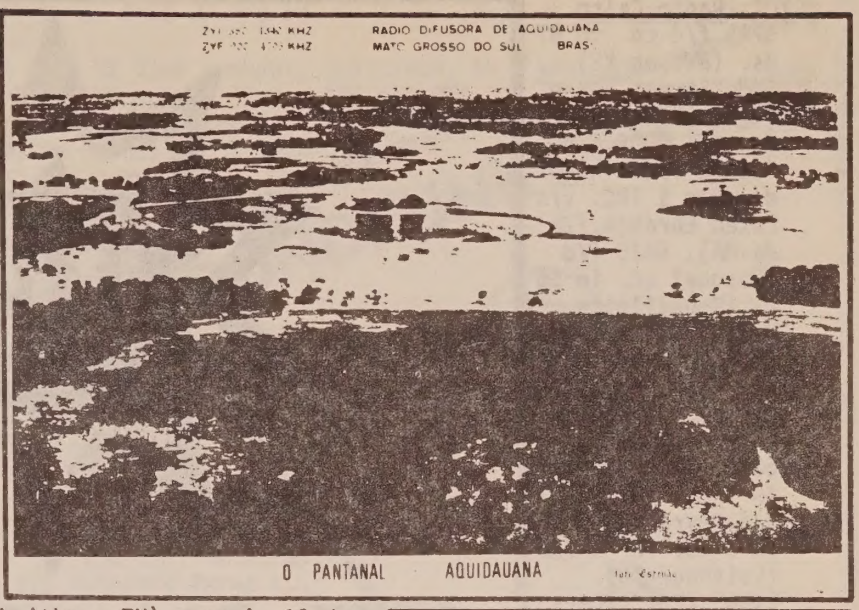
QSL COLUMN

Sam Barto, NASWA QSL Editor
245 Cherry Ave. J-11
Watertown, Conn. USA 06795

AFGHANISTAN: Radio Afghanistan 4775 f/d "Map Buddha" cd. in 33 ds. for 2 IRCs.(Onken-IL).
ALBANIA: Radio Tirana 7300 f/d "Revolutionaire" cd. in 3 mo. after 5 tries!(Wilhite-TX). same in 84 ds. for 1 IRC.(Labossiere-CT).11985 in 65 ds.(Watts-NZ)...It seems that quite a few DXers have trouble QSLing this station. Have no idea of whats wrong with them..Sam.
ANDORRA: Radio Andorra 6215 f/d attractive and colorful cd. in 63 ds. for 2 IRCs.(McVicar-ONT). same cd. in 21 ds.(Valko-PA). in 22 ds. for a FR/EG rpt. and 2 IRCs.(Onken-IL). in 13 ds. w/ a ltr. on their letterhead stating that a f/d QSL will be sent under separate cover. v/s J.L. Marquet, Directeur.(Desrosiers). Radio Scandinavia 6215 in 19 ds. w/ the above QSL cd. for 2 IRCs.(Bolitho-ONT).
ANTIGUA: BBC 11775 n/d "Bridge" cd. in 42 ds. for 1 IRC.(Schmidt-WI).
ARGENTINA: LOL 15000 folder cd. w/ graph chart, station info. in 50 ds. for 3 IRCs. v/s Victorio de Souza Frad., Supervisor Tecnico, Jefe Seccion. (Kusalik-ONT). same in 59 ds. for a SP rpt. and 1 IRC. (Hoffman-PA). 10000 w/ same cd. in 24 ds. for an EG/SP rpt. and 1 IRC.(Desrosiers). in 2 mo. for a SP rpt.(Prisco-PA).
ASIATIC RUSSIA: Radio Moscow via Nikolayevsk-on-Amur on 17845 w/ f/d cd. in 7 wks.(Klein-FL). Via Petropavlovsk Kamchatka on 15450 w/ f/d "1917-1977" cd. in 3 wks. for the WCNA Service.(O'Donnell-PA). same site for 15455 in 4 wks. (Kapinos-MA).

AUSTRALIA: VNG 7500 f/d folder cd. in 1 mo.Addr: Research Laboratories, 59 Little Collins St., Melbourne.v/s P. Geaney.(Higgins-IL). Radio Australia 21740 via Shepparton w/ a f/d "White Flowering Mallee Gum" cd. in 69 ds. for a Gilfer rpt.(Batson-KS). in 15 ds. w/ the "Parakeet" cd. for 1 IRC.(McNair-TX). same site for 17795 in @ 1 mo.(Harris-NY). VLM4 4920 Bald Hills f/d cd. in 19 ds.(Leithner-TN).
AUSTRIA: ORF 9770 f/d cd. in 35 ds. for 1 IRC.(Laird-NJ). "Snail w/ Castle" cd. in 8 ds. for 1 IRC.(Fraser-MA). "Glass Towers" cd. in 59 ds. (Rascoe-NM). 5945 f/d "Painting" cd. in 28 ds. for 3 IRCs. and an EG rpt. (Hartsell-CA).
AZERBAIJAN: Radio Moscow via Baku on 21490 w/ f/d cd. in @ 1 mo.(Barto-CT).
BELGIUM: ORU-BRT 6080 f/d " Map" cd. in 6 wks. for used US stamps.(Kapinos-MA). same f/d cd. in 53 ds. for 1 IRC.(Fraser-MA). in 38 ds. for 1 IRC.(Laird-NJ). f/d cd. in 38 ds. for 1 IRC.(Zajda-MA). 21640 w/ "#5 Antenna" cd. in 26 ds. for a FR rpt. and 1 IRC.v/s Paul Renard, Public Relations. Station pennant and sticker also rcvd.(Clifford-WA)...Was this their purple pennant?...Sam.
BENIN: La Voix de la Revolution 4870 f/d "Native Scenes" cd. in 8 mo. for 3 IRCs. This was my C/V #50! Very happy w/ this one. (O'Donnell)...Congrats!
BONAIRE: Radio Netherlands 9590 f/d "Windmill" cd. and a pennant in 6 wks.(Wilhite-TX). 9715 w/ same f/d cd. in 2 mo. (Prisco-PA). 6165 w/ same cd. in 41 ds.(Byron-NY). same in 43 ds for 1 IRC.v/s Tom Meyer(!) (Zajda-MA). 6165 w/ f/d "Happy Station" cd. in 1 mo. Card had a very nice gold sticker on the reverse side.(Bolitho-ONT).
BRASIL: *Radio San Carlos* ZYG862 2420 ltr. in 6 mo. for a PT rpt. and 2 IRCs. v/s Ms. Rossi. Letter was very friendly. I consider this to be one of my best QSLs from South America and one of my best overall! (Robins-MI)...Very rarely reported QSL!...Sam.
Radiodifusora de Macapa 4915 f/d tourist post card w/ a coastline scene in 89 ds. for a PT rpt. My rpt was forwarded through a friend of mine in Brasil. v/s Andguera de Souza, Director...he informed me that the station does not want reception reports and will not QSL future reports!!!(Hoffman-PA). Now I know about all my reports!...Sam. Charlie, this is a very fine and a rare QSL. Don't see this reported too often! Radio Difusora de Aquidauana ZYF900 4795 PT ltr. in 3 wks. w/ a photo of the "Pantanal" for a PT rpt. v/s Geter de Oliveira, Dpto. Comercial. Addr: CP. 18, CEP 79200.(Barto-CT).

BULGARIA: Radio Sofia 11750 f/d cd. in 149 ds.(Rascoe-
BYELORUSSIA: Radio Moscow NM) via Minsk on 15150 w/ f/d "Trees" cd. in 3 wks. for EG rpt.(O'Donnell-PA).
CAMEROON: Radio Bertoua 4750 f/d ltr. in 1½ mo. for a FR rpt. v/s James A. Fontem.(Barto-CT). n/d ltr. in 157 ds. for an EG rpt. and 3 IRCs. v/s Jean-Marie Etoundi, Le Chef de Station.(McVicar-ONT). Radio Garoua 5010 f/d form ltr, in 43 ds. for a FR rpt. & 2 IRCs. v/s Eboo Zame Maurice.(Onken-IL).
CANADA: CHNX 6130 Halifax cd. in 26 ds. for 1 IRC.(Labossiere-CT). in 16 ds. for ms., v/s Judy Carruthers.(Leithner-TN).same in 19 ds. for 1 IRC.(Cucura-PA). cd. and ltr. in 3 wks.(O'Donnell-PA). cd. in 17 ds.(Golkin-NY). CFCX 6005 Montreal n/d "Studio Bldg." cd. in 22 ds. for 1 IRC.(Zajda-MA). cd. in 3 wks. after 6 tries!(Kapinos-MA). CFRX 6070 Toronto "Boat" cd. in 68 ds. for 1 IRC. (Zajda-MA). in 26 ds. for 1 IRC.(Labossiere-CT). CKZU 6160 Vancouver f/d "CBC B/Cing Center" cd. in 2 wks. v/s Frances H. Buchan.(Kusalik-ONT). CFVP 6030 Calgary "Downtown Calgary" cd. in 21 ds. v/s Barbara Hall.(Kusalik-ONT). RCI 5960 f/d "ANARC" cd. in 5½ mo.(Laird-NJ). same cd. for 15325 in 6 mo. w/ ANARC stickers v/s Ian McFarland (Higgins-IL). f/d "Satellite" cd. w/ special stickers for listening to all editions of the DX digest on 7-16 78 in 6 mo. (Golkin-NY). 15325 w/ f/d "Global" cd. in 33 ds.(Labossiere-CT). CBC-NS 11720 n/d "Horizon Suns" cd. w/ no verie statement and a blue and white plastic pennant in 33 ds. on my second try.(Golkin-NY).
CELEBES: RRI Ternate 3345 personal ltr. in 36 ds. for an IN/EG rpt. for ms. v/s Ny. Maimunah Tuwow - Kepala.
CHINA: Radio Peking 15060 "Toy Giraffe" cd. (Kusalik-ONT) in 3 wks.(Kapinos-MA). 6860 "Fish Harvest" cd. in 5 wks.(Barto-CT). 15300 "Forest" cd. in 1 mo.(Alm-BC). 17680 "Red Flag Canal" cd. in 24 ds.(Turnbull-MD).
COLOMBIA: La Voz de los Centauros HJKW 5951 white cd. in 2 mo. for a SP rpt. v/s Dr. Guillermo Torres B.,(Barto-CT). La Voz del Centro HJIW 6095 New Years cd. w/ photo of their new "RCN Transmovil 8 Van" in 3 wks.(Barto-CT). Radio Sutatenza 5075 f/d "XMAS" cd. in 6 mo. for an EG rpt. v/s Jiur Maleur G., Direccion Nal. de Programacion.(Cannon-NC). HJEG La Voz de Belalcazar 2860 (2x1430) ltr. in 3 wks. for a SP rpt. v/s Luis Dario Valencia Ayala, Coordinador de Programas.(Barto-CT).
CUBA: RHC 11930 f/d cd. and a Youth Wall Poster in 4 mo.(Kapinos-MA). black and blue geometric cd. in 124 ds. w/ a new pennant.(Hoffman-PA).
DENMARK: Radio Denmark 15165 f/d "RadioHouse" cd. in 44 ds. for 2 IRCs.(Hill-MO).
ECUADOR: Ondas Azuayas 4980 Cuenca f/d plain white cd. and ltr. in 24 ds. for a SP rpt. and 2 IRCs. v/s Dr. Jose A. Cardoso F., Gerente General.(Tuchscherer-WI).same in 3 wks. for a SP rpt.(Barto-CT). HCJB 11900 "Native" cd. in 34 ds. for 3 IRCs.(Watts-NZ). same cd. for 11915 in 25 ds. for 1 IRC.(Labossiere-CT). same cd. for 9745 in 38 ds. w/ a paper pennant.(Schmidt-WI).



AQUI RADIO ANDORRA, EMISORA DEL PRINCIPADO DE ANDORRA
Boite Postale N.° 1, ANDORRE LA VIEILLE,
Principeauté d'Andorre

via

Dear Listener, Dave Valko

We are in receipt of your letter giving us informations about our broadcasts on 6215 *Kc/s m:* 48m27 *the* 12-78 *since* 22h17 *GMT to* 22h59 *GMT*

Thanking you for your kindness and looking forward to further reports from you, we remain.

Yours sincerely,

CORPORACION ELECTRONICA PERUANA S. A.
RADIO INCA DEL PERU
Av. Nicolas de Pierola 533
Telefono: 31-4523
LIMA - PERU

OBX-4E 1470 KHZ
OCX-4W 4762 KHZ

Sr. Samuel L. Barto
245 Cherry Ave.
APT. J-11 Watertown, Conn.
USA. 06795

VERIFICAMOS SU RECEPCION DE NUESTRA EMISION DE ONDA CORTA OCX-4W 4762 KHZ.

Muy Atentamente

EGYPT: Radio Cairo 9745 f/d cd. in 87 ds. (Batson-KS). f/d "Street Scene" cd. in 6 mo.(Rascoe-NM).9805 f/d "Scene" cd. in 69 ds. for 1 IRC. v/s Faten Ebrahim.(Zajda-MA). 9475 f/d "Mosque" cd. in 56 ds.(Brouillette-MI). f/d "Market" cd. in 90 ds.(McNair-TX). f/d "Camel" cd. in 3½ mo. (O'Riordan-ID). 6230 f/d "Nile" cd. in 7 mo. (Byron-NY) f/d "Pyramids" cd. in 3 mo. for 1 IRC (Leithner-TN). 21465 f/d "Liberation Square" cd. in 1 mo.(Barto-CT).

ENGLAND: BBC 15060 f/d "Bridge" cd. in 14 ds.(Laird-NJ). 9510 cd. in 65 ds.(McNair-TX).

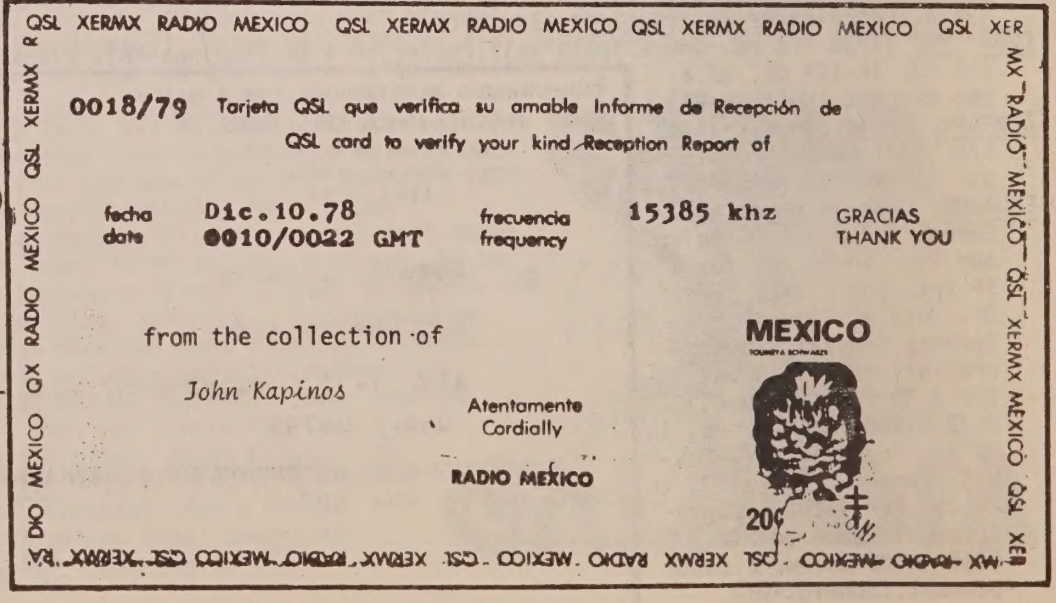
ETHOPIA: Voice of Revolutionary Ethopia 9615 f/d prepared cd. in 32 ds. for 1 IRC. v/s Yohannes Rupheal. Card was stamped with the seal from the Ministry of Information and National Guidance.(Bryant-IL).

EUROPEAN RUSSIA: Radio Moscow 21490 via Tula w/ f/d cd. in 39 ds.(Desrosiers-MA).

FED. REP. OF GERMANY: VOA Munich 3980 f/d cd. in 1 mo.(Prisco-PA). in 4 wks.(Kapinos-MA).Deutsche Welle 6040 "Colors" cd. in 55 ds.(McNair-TX). Sudwestfunk 7265 via Rohrdorf w/ f/d "Ear" cd. in 1 mo. for 1 IRC.(Prisco-PA). Deutschlandfunk 6010 f/d cd. in 1 mo. for 2 IRCs.(Prisco-PA).

FINLAND: Radio Finland 15105 "Architecture" cd. in 23 ds. for 1 IRC.(Zajda-MA).11800 "Textile " cd. in 1 mo. for 3 IRCs.(Hartsell-CA). same cd. for 15210 in 35 ds. for 1 IRC. (McNair-TX). in 1 mo. for 1 IRC.(Fraser-MA). 15265 w/ f/d cd. in 48 ds. (Rubin-CA). They will issue f/d cds. if you supply them with QRMing station and other data...Sam.

FRANCE: RFI 21580 f/d "La Tour Eiffel" cd. in 37 ds.w/ 2 plastic pennants. (Eastman-TX) in 38 ds.w/ 3 pennants. (Desrosiers MA). 15155 w/ no QSL only a pennant!(Micciche-NY). No answer for this one... Sam.


QSL XERMX RADIO MEXICO QSL XERMX RADIO MEXICO QSL XERMX RADIO MEXICO QSL XER
0018/79 Tarjeta QSL que verifica su amable Informe de Recepción de
QSL card to verify your kind Reception Report of
fecha date Dic.10.78 0010/0022 GMT
frecuencia frequency 15385 khz
GRACIAS THANK YOU
from the collection of
John Kapinos
Atentamente Cordially
RADIO MEXICO
MEXICO
20

GEORGIA: Radio Moscow via Tbilisi on 9795 w/ f/d cd. in 4 wks.(Kapinos-MA). same in 1 mo.for an EG rpt. (Prisco-PA).

GERMAN DEM. REP: RBI 9730 f/d cd., DX Club pennant, postcards, in 5 wks. (Kapinos-MA), 11890 f/d "Olympics" cd. in 73 ds. (Rascoe-NM). "Castle" cd. in 36 ds. for 1 IRC. (Hughes-MAN).

GHANA: GBC 6130 f/d "Logo" cd. in 70 ds. for 1 IRC. (Eastman-TX). same in 4 mo. v/s Samuel K. Onao, Director General.(Leithner-TN).

GREECE: Voice of Greece 9760 f/d B&W cd. in 42 ds. for 2 IRCs.(Kusalik ONT). same cd. for 11730 in 28 ds. for 1 IRC.(Labossiere-CT). in 31 ds. for 1 IRC.(Laird-NJ). f/d cd. in 2 mo. for ms. w/ brochure.(Wheeler-KS).

GRENADA: Radio Grenada 15105 Morne Rouge f/d tan cd. in 407 ds. for 1 IRC.(Zajda-MA). same cd. in 8 wks. v/s S.P. Philip. (Leithner-TN).in 2½ mo. for 2 IRCs.(Lazarus-

GUAM: TWR KTWR 17855 "Antenna and Transmiss- LA). ion Site" cd. in 37 ds. for 3 IRCs.(Watts-NZ).

GUATEMALA: *Radio Mam* 4825 f/d cd. and ltr. in 66 ds. for an SP rpt. and 1 IRC. v/s Herminio Perez L., Depto. Radio Difusion.(Brouillette-MI).

HOLLAND: Radio Nederlands 9590 f/d "Costume" cd. in 48 ds. for 1 IRC.(Fraser-MA). same cd. for 21640 in 19 ds. for 3 IRCs.(Watts-NZ).15220 w/ same cd. in 1 mo.(O'Donnell). 6165 "Old Man w/ Pipe" cd. in 21 ds.(Turnbull-MD). 9590 w/ f/d "Windmill" cd. in 45 ds. for 1 IRC.(McNair-TX). same cd. for 17695 in 26 ds. for 1 IRC.w/ flag style pennant.

HONDURAS: HRVC 4820 f/d "Map" cd. in 33 ds. (Desrosiers-MA). for an EG rpt. and 1 IRC.(Labossiere-CT).

HUNGARY: Radio Budapest 11910 f/d yellow cd.(Harris-NY).15220 w/ f/d cd. in 89 ds.(Rascoe-NM). 15225 n/d cd. in 125 ds. for 1 IRC.(Hug-

ICELAND: Voice of Iceland 12175 f/d cd. in 6 wks.(Kapinos-MA).hes-MAN).

INDIA: AIR 11740 f/d "Srirangam Sculpture" cd. in 162 ds. for 2 IRCs. (Golkin-NY). same cd. for 11810 in 156 ds. for 1 IRC.(Clifford-WA). 11725 w/ "Lake Palace Udalpur" cd. in 26 mo.(Byron-NY).

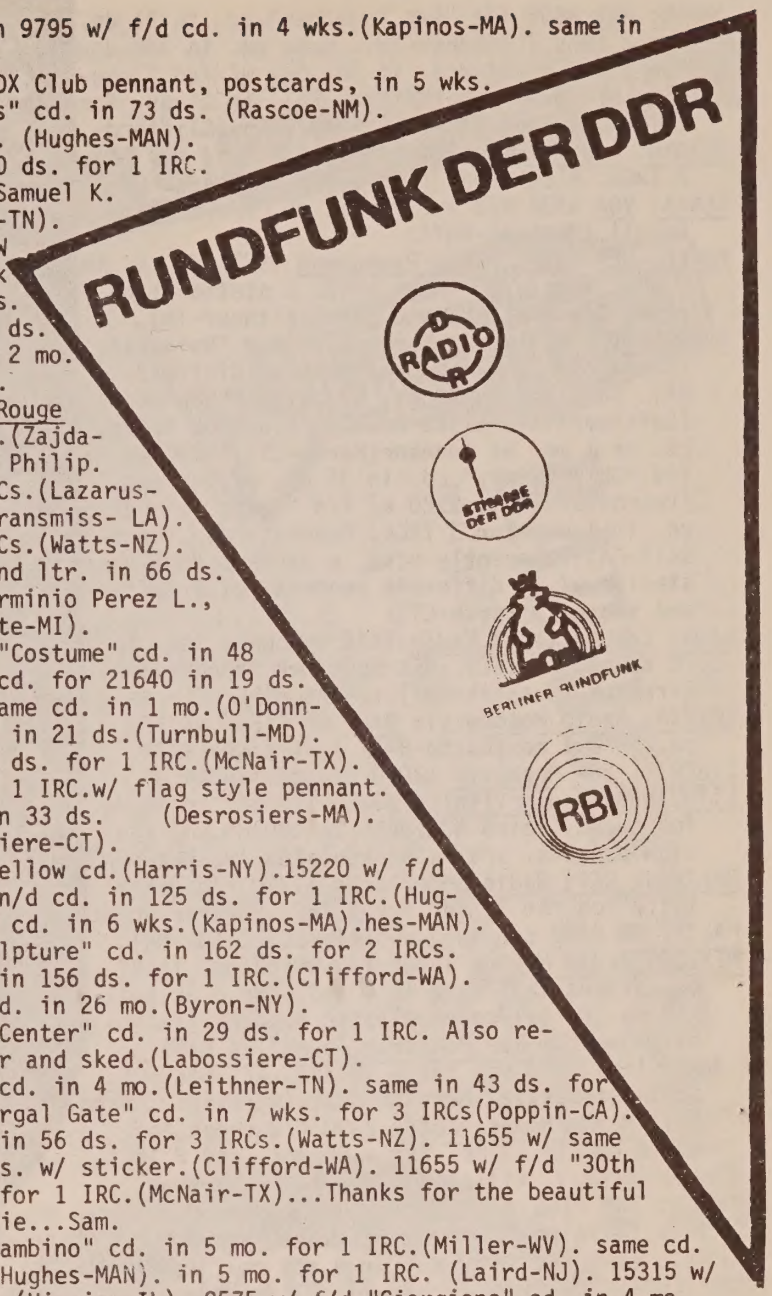
IRAN: Voice of Iran 9022 f/d "NIRT Center" cd. in 29 ds. for 1 IRC. Also received a station pennant, sticker and sked.(Labossiere-CT).

IRAQ: Radio Baghdad 9745 f/d "Map" cd. in 4 mo.(Leithner-TN). same in 43 ds. for 1 IRC. (Zajda-MA). 11905 f/d "Nargal Gate" cd. in 7 wks. for 3 IRCs(Poppin-CA).

ISRAEL: IBA 11670 f/d "Tribes" cd. in 56 ds. for 3 IRCs.(Watts-NZ). 11655 w/ same cd. in 3 wks.(Barto-CT). in 38 ds. w/ sticker.(Clifford-WA). 11655 w/ f/d "30th Year Anniversary" cd. in 35 ds. for 1 IRC.(McNair-TX)...Thanks for the beautiful card and flower from Israel Leslie...Sam.

ITALY: RAI 15315 f/d "Ritratto di Bambino" cd. in 5 mo. for 1 IRC.(Miller-WV). same cd. and freq. in 153 ds. for 1 IRC.(Hughes-MAN). in 5 mo. for 1 IRC. (Laird-NJ). 15315 w/ "Fishing Boy Statue" cd. in 6 mo.(Higgins-IL). 9575 w/ f/d "Giorgione" cd. in 4 mo. (Leithner-TN).in 88 ds.(Vogelman-NY).11810 w/ f/d cd. in 6 mo. (O'Donnell-PA).

JAPAN: Radio Japan 17755 w/ "Fireworks" cd. in 3 wks.(Barto-CT).same cd. w/ folders and other data.(Turnbull-MD).same cd. for 15270 in 34 ds. for 1 IRC.(McCants-AL). in 7 wks.(Kapinos-MA). same cd. for 17825 in 42 ds.(Torre-CA). 21640 w/ "Bamboo Grove" cd. in 36 ds.(Clifford-WA). 15105 w/ "Hakata Dolls" cd. in 29 ds. for 1 IRC. (Zajda-MA). JJY 15000 in 60 ds. w/ f/d cd. for 3 IRCs.(Kusalik-ONT).



Read next months column for an important announcement concerning a new publication...Sam.

QSL Column report forms are available from your QSL Editor for appropriate postage. 5 sheets for $.15...Sam

BBC Radio London

JAPAN: NSB 9595 f/d "Get Together" cd. in 31 ds. for 2 IRCs.(Leithner-TN). same cd. in 306 ds. for 1 IRC.(Hill-MO). in 302 ds. w/ f/d "Transmitter Tower" cd.(Hoffman-PA). in 14 ds. for 2 IRCs.(George-TX). 3925 in 20 ds.(Clifford-

JORDAN: Radio Amman 9560 ltr. in 56 ds. for WA). 2 IRCs. Also rcvd. post cards.(Pineault-QUE).

KENYA: VOK 4934 f/d ltr. in 22 ds. v/s Rashid Bakuli.(McVicar-ONT).

KOREA, DEM. REP: Radio Pyongyang 9977 f/d cd. in 6 wks. for 1 IRC. Also rcvd. a station pin, pennant and a Japanese IRC.(Leithner-TN).

KOREA, REP. OF: Radio Korea 9720 f/d "Bulguksa Temple" cd. in 24 ds. w/ pennant(Clifford-WA). same cd. in 27 ds. w/ pennant for ms. (Leithner-TN). 11965 w/ f/d "Kyungbok Palace" cd. in 1 mo. w/ pennanr(Barto-CT). 9720 w/ f/d "Observatory" cd. in 35 ds. w/ pennant. (Desrosiers-MA). 9720 w/ f/d "Tokto Island" cd. in 1 mo. for 3 IRCs. Pennant rcvd.(Hartsell-CA)...Recently rcvd. a package from this station w/ 11 different pennants of 3 different shapes. (Barto-CT).

LAOS: *Lao National Radio* 7145 personal ltr. in 78 ds. for 3 IRCs. v/s Boun-Mek Phengsavanh, Director.(Kusalik-ONT)...Very nice QSL..Sam.

LATVIA: Radio Moscow via Riga on 21615 w/ f/d cd. in @ 1 mo.(Barto-CT). (Prisco-PA).

LIBERIA: VOA Monrovia 17870 f/d cd. in 24 ds.

LITHUANIA: Radio Vilnius 15180 f/d cd. in 3½ mo. for 1 IRC.(Laird-NJ).9655 in 100 ds. w/ station pennant. v/s A. Sinkevicius.(Hughes-MAN)

MALAGASY REP: Radio Nederlands 11730 f/d "Satellite" cd. in 12 ds. for 1 IRC. Sticker rcvd.

MALTA: DW 6100 cd. in 5 wks(Alm-BC)(Zajda-MA).

MEXICO: Radio Mexico 15385 f/d white cd. in 27 ds.(Bryant-IL). same in 6 wks. for a SP rpt. and ms. w/ tri-color plastic pennant.(Kapinos-MA). XEQM Tus Panteras Juveniles 6105 f/d ltr. in 3 mo. for a SP rpt. v/s Mario E. Gonzalez Peraza, Gerente Administrativo.(Barto CT). *Radio Huayacocotla* 2390 f/d green and white cd. in 13 mo. for a SP rpt. and 2 IRCs. v/s Jorge V. Villalobos G.,(Tuchscherer-WI).

MONACO: TWR 7105 f/d cd. and pennant in 3 wks. for 2 IRCs.(Wilhite-TX). same in 35 ds. for 1 IRC.(Clifford-WA). same f/d "Map" cd. in 1 mo. for 1 IRC.(Alm-BC).

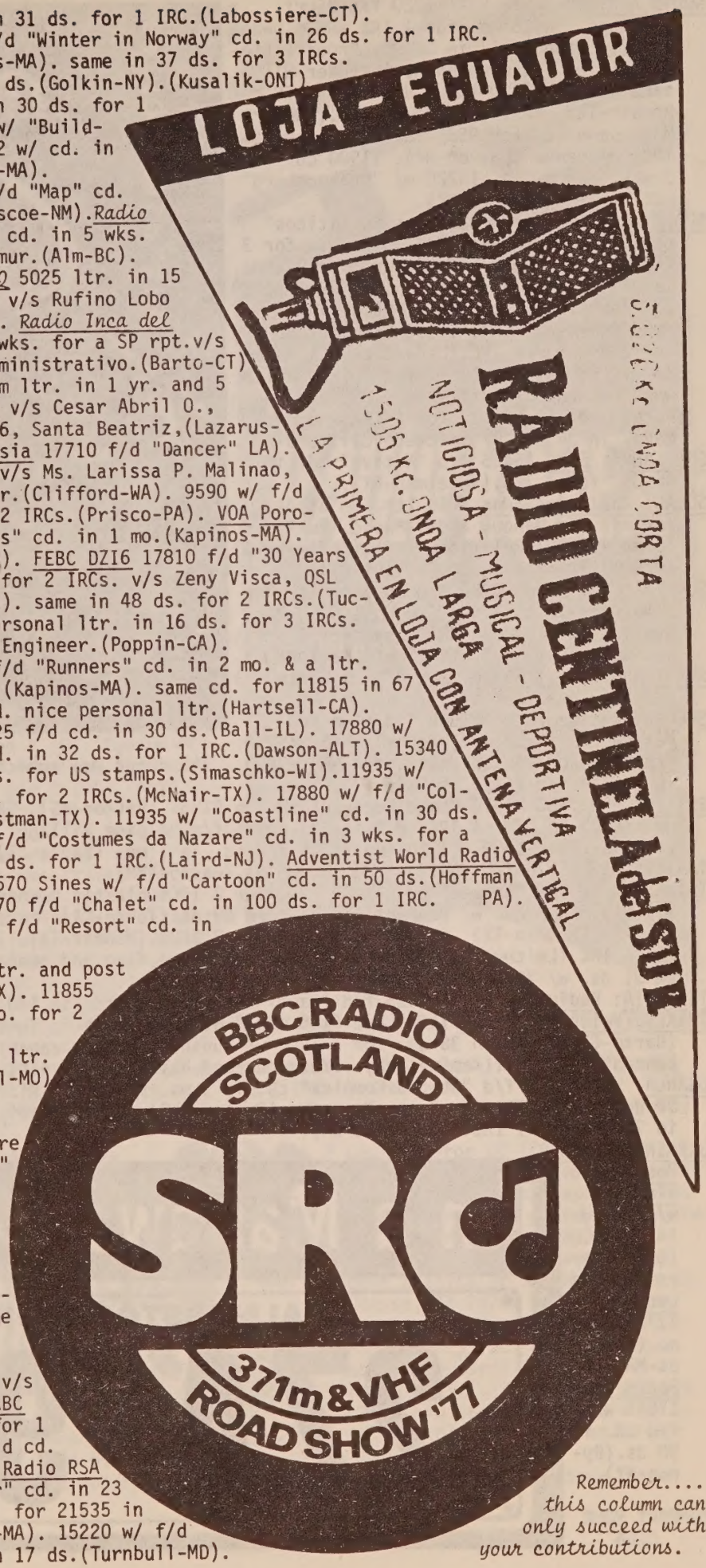
MONTSERRAT: DW 11785 n/d cd. in 23 ds. for 1 IRC. Rpted reception of this site to DW. Card stated no site in particular.(Desrosiers-MA).

NEW CALEDONIA: Radio Noumea 7170 f/d ltr. in 34 ds. for a FR rpt. and 3 IRCs.(Vogelman NY). same f/d ltr. in 36 ds. for an EG rpt.(Leithner-TN).

NEW ZEALAND: RNZ 17860 f/d "30th Anniversary" cd. & pennant in 13 ds. for 3 IRCs.(Poppin CA). 15280 w/ f/d "Fishing" cd. in 1 mo. for 2 IRCs. Pennant rcvd.(Bolitho-ONT).

NICARAGUA: Radio Nacional 5920 and 5945 w/ ltr. in 1½ mo. for a SP rpt. v/s Orlando Meza Lira, Director General.(Barto-CT).in 3 mo. for 5950 w/ a SP rpt.(O'Riordan-ID).

NIGERIA: VON 4990 f/d ltr. in 31 ds. for 1 IRC.(Labossiere-CT).
NORWAY: Radio Norway 21730 f/d "Winter in Norway" cd. in 26 ds. for 1 IRC. Flag also rcvd.(Desrosiers-MA). same in 37 ds. for 3 IRCs.
OMAN: BBC 9590 n/d cd. in 57 ds.(Golkin-NY).(Kusalik-ONT)
PAKISTAN: PBC 9460 n/d cd. in 30 ds. for 1 IRC.(Clifford-WA). 17830 w/ "Building" cd.(Harris-NY). 11672 w/ cd. in 1 mo. for 2 IRCs.(Kapinos-MA).
PAPUA NEW GUINEA: NBC 4760 f/d "Map" cd. in 18 ds. w/ stickers.(Rascoe-NM). *Radio Western District* 3305 f/d cd. in 5 wks. for ms. v/s Carolus Ketsimur.(Alm-BC).
PERU: *Radio Quillabamba OAX7Q* 5025 ltr. in 15 mo. for a SP rpt. and ms. v/s Rufino Lobo Alonso O.P.,(Kusalik-ONT). *Radio Inca del Peru OCX4W* 4762 cd. in 5 wks. for a SP rpt.v/s Rosa Kuwae T., Gerente Administrativo.(Barto-CT) Radio Panamerica 5980 form ltr. in 1 yr. and 5 mo. for a SP rpt. and ms. v/s Cesar Abril O., Addr: Mariano Carranza 126, Santa Beatriz,(Lazarus-
PHILIPPINES: Radio Veritas Asia 17710 f/d "Dancer" LA). cd. in 29 ds. for 1 IRC. v/s Ms. Larissa P. Malinao, Audience Relations Officer.(Clifford-WA). 9590 w/ f/d "Japan" cd. in 1 mo. for 2 IRCs.(Prisco-PA). VOA Poro-Tinang 17740 f/d "3 Scenes" cd. in 1 mo.(Kapinos-MA). 7190 in 8 ds.(Leithner-TN). FEBC DZI6 17810 f/d "30 Years in B/Cing" cd. in 36 ds. for 2 IRCs. v/s Zeny Visca, QSL Secretary.(Brouillette-MI). same in 48 ds. for 2 IRCs.(Tuchscherer-WI). PBS 3286 personal ltr. in 16 ds. for 3 IRCs. v/s Jose Borromeo, Chief Engineer.(Poppin-CA).
POLAND: Polskie Radio 7270 f/d "Runners" cd. in 2 mo. & a ltr. from Zdislaw Frankiweicz.(Kapinos-MA). same cd. for 11815 in 67 ds. for 3 IRCs. Also rcvd. nice personal ltr.(Hartsell-CA).
PORTUGAL: Radio Portugal 6025 f/d cd. in 30 ds.(Ball-IL). 17880 w/ f/d "Lourdes Seminary" cd. in 32 ds. for 1 IRC.(Dawson-ALT). 15340 f/d "Ilhavo" cd. in 21 ds. for US stamps.(Simaschko-WI).11935 w/ f/d "Geres" cd. in 21 ds. for 2 IRCs.(McNair-TX). 17880 w/ f/d "Colonnade" cd. in 22 ds.(Eastman-TX). 11935 w/ "Coastline" cd. in 30 ds. (Micciche-NY). 11935 w/ f/d "Costumes da Nazare" cd. in 3 wks. for a PT rpt.(Torre-CA). in 22 ds. for 1 IRC.(Laird-NJ). Adventist World Radio via Radio Trans Europa 9670 Sines w/ f/d "Cartoon" cd. in 50 ds.(Hoffman PA).
ROMANIA: Radio Bucharest 9570 f/d "Chalet" cd. in 100 ds. for 1 IRC. (Labossiere-CT). same w/ f/d "Resort" cd. in 3 mo.(Leithner-TN).
SAUDI ARABIA: BSKSA 15060 ltr. and post cards in 2 mo.(Wilhite-TX). 11855 w/ f/d "Logo" cd. in 3 mo. for 2 IRCs.(DeFeyter-MI).
SIERRA LEONE: SLBC 5980 f/d ltr. in 30 ds. for 3 IRCs(Hill-MO)
SINGAPORE: Radio Singapore 11940 f/d "Singapore by Night" cd. in 30 ds.(Torre CA). BBC 9740 w/ "Bridge" cd. in 17 ds.(Valko-PA).
SOUTH AFRICA: Springbok Radio 4810 f/d cd. in 43 ds.(Clifford-WA). in 2 wks. w/ f/d "Industries" cd. w/ green pennant.(Simaschko-WI). 9710 w/ same f/d cd. in 29 ds. for 1 IRC.(Leithner-TN). ZUO 5000 f/d ltr. in 3 wks. v/s R. Lake.(Wilhite-TX). SABC 9710 f/d cd. in 32 ds. for 1 IRC.(Cucura-PA). 4810 f/d cd. in 1 mo.(O'Donnell-PA). Radio RSA 15125 w/ f/d "Kingfisher" cd. in 23 ds.(Rascoe-NM). same cd. for 21535 in 17 ds. for 1 IRC.(Zajda-MA). 15220 w/ f/d "Basotho Hunters" cd. in 17 ds.(Turnbull-MD).


LOJA - ECUADOR
RADIO CENTINELA del SUR
NOTICIOSA - MUSICAL - DEPORTIVA
1505 KC. ONDA LARGA
LA PRIMERA EN LOJA CON ANTENA VERTICAL
6185 KC. ONDA CORTA

Remember.... this column can only succeed with your contributions.

SOUTH AFRICA: Radio RSA 15220 f/d "Surf City" cd. in 18 ds. for 1 IRC and a pennant.(Simaschko-WI).in 21 ds.(Brouillette-MI). in 25 ds. w/ pennant.(Stauner-WI). same cd. for 9610 in 25 ds. for 1 IRC. McNair-TX). in 17 ds. for 1 IRC.(Fraser-MA). same cd. for 9585 in 23 ds. for 1 IRC. w/ pennant(Byron-NY). 11900 cd. in 3 wks.(Barto-CT). 15220 w/ "Drakensburg" cd. in 13 ds.(Watts-NZ).

SPAIN: REE 9630 f/d "Carteles Turisticos" cd. in 35 ds.(McNair-TX).in 35 ds. for 3 IRCs.(Kusalik-ONT). f/d "San Clemente de Tahull" cd. in 36 ds.(Turnbull-MD). 11880 w/ f/d "Storks" cd. in 27 ds. Sticker was rcvd.(Hartsell-CA). 11880 f/d "Toledo" cd in 21 ds. for 1 IRC.(Labossiere-CT).same cd. in 26 ds. for 11840 for 3 IRCs which were returned.(Watts-NZ). 11880 f/d "Baleares" cd. in 66 ds. for 1 IRC.(Hughes-MAN). in 34 ds. w/ sticker.(Clifford-WA).

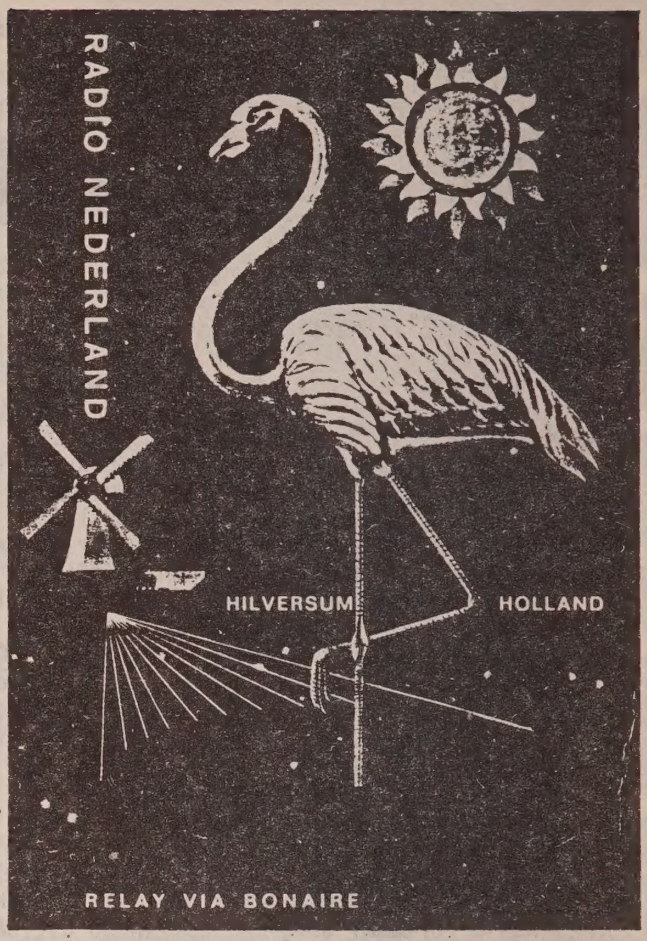
SRI LANKA: SLBC 15425 f/d "Native" cd. in 46 ds. for 1 IRC.(Vogelman-NY).

SUDAN: *Radio Omdurman* 5040 ltr. in 51 ds. for ms. v/s Manoun Abdal Maoid, Public & International Relations Dept.(Hoffman-PA) 5039 w/ ltr. in 1½ mo.(Twiggs-CT).

SUMATRA: RRI Medan 4764 f/d cd. and ltr. in 1 mo. for IN rpt. v/s C.R.H. Tobing BA, Station Chief.Addr: RRI Nusantara I, Medan, Jalan Let. Kol. Martinus Lubis No. 5.

SWAZILAND: Swazi Radio 3200 f/d (Barto-CT) cd. in 5 wks.(Barto-CT).

SWEDEN: Radio Sweden 11905 f/d blue and yellow cd. in 18 ds.(Vogelman-NY). 15200 f/d "Map" cd. in 18 ds.(Rascoe-NM). 9695 in 30 ds. for 1 IRC.(McNair-TX).



the above was submitted by Randy Hill

SWITZERLAND: SBC 21570 "Lake Lucerne" cd. in 51 ds.(Batson-KS). SRI 6045 f/d "Farm Scene" cd. in 21 ds. for 1 IRC.(McNair-TX). 3985 f/d "Alpine Village" cd. in 16 ds. for 3 IRCs. (Poppin-CA). 21630, 21520 and 21545 f/d cd. in 1 mo. (Barto-CT).

TAHITI: FR3 15170 f/d "Native" cd. in 23 ds.(Rascoe-NM).

TAIWAN: VOFC f/d "Horses" cd. in 2½ wks. for 2 IRCs.plastic pennant and flag rcvd.(O'Donnell-PA). same cd. w/ pennant and pins in 29 ds.(Torre-CA). same in 39 ds. w/ pennant and sticker(Eastman-TX). in 30 ds. w/ pin for 2 IRCs.(McNair-TX). 17890 w/ same cd. in 1 mo. for 1 IRC.(Leithner-TN). in 23 ds. for 1 IRC. w/ flag and pennant.(Labossiere-CT). same in 31 ds. w/ XMAS cd.(Turnbull-MD).

TANZANIA: Radio Tanzania 15435 f/d "Sauti Ya Tanzania" cd. in 140 ds.(Rascoe-NM).

TURKEY: Voice of Turkey 11955 and 6185 f/d "Love and Peace in Turkish Humor" cd. in 3 wks. (Barto-CT). 9515 in 36 ds. for 1 IRC. w/ Sunshine Radio pennant.(Hughes-MAN). same cd. & pennant in 6 wks.(Kapinos-MA)...Yes John and Ray, this pennant is better than the others.

UGANDA: UBC 15325 f/d "Studio Complex" cd. in 3 mo. v/s Kizza Kizito(Kempf-ONT). f/d ltr.in 80 ds. for 1 IRC. v/s Cosma Warugaba.(Dawson-ALB). same in 154 ds. for 2 IRCs.(Hill-MO). in 78 ds. for 1 IRC. (Clifford-WA).

UKRAINE: Radio Moscow via Vinnitsa w/ f/d cd. in 30 ds. (Desrosiers-MA).via Lvov on 11750 in 4 mo.(Kapinos-MA). Radio Kiev 17845 w/ f/d cd. in 90 ds.(Byron-NY).

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PALMERSTON NORTH

2ZA · 927

UKRAINE: Radio Kiev 9720 "Lenin Museum" cd. in 40 ds. for 2 IRCs.(Wheeler-KS). 7150 in 116 ds.

USSR: Radio Moscow 21530 cd. in 1 mo.(Fraser-MA). (Barto-CT). 12050 in 28 ds. w/ no site.(Desrosiers-MA). 15130 in 24 ds. w/ no site.(Desrosiers-MA). 7250 in 25 ds. for 1 IRC.(Labossiere-CT). 9610 in 24 ds.(Torre-CA). 7290 in 1 mo.(O'Donnell-PA). 7160 in 52 ds.(McNair-TX). 11630 in 31 ds. w/ no site.(Desrosiers-MA). Radio Rodina 15455 w/ f/d cd. in 3 mo.(O'Riordan-ID)

UZBEK: Radio Tashkent 6025 f/d cd. in 3 wks. v/s Mrs. Nadira Babadjanova, Corresponding Secretary.(O'Donnell-PA). in 1 mo. for 1 IRC.(Leithner-TN). in 2 mo.(Alm-BC). in 4 wks. for US stamps.(Kapinos-MA).

VATICAN: Radio Vatican 6222 f/d cd. in 3 wks. Also rcvd. 180 pennants and over 500 stickers for the next NEADXO.(Barto-CT). 11845 w/ f/d cd. in 16 ds.(Hoffman-PA). f/d "Microphone" cd. in 13 ds. for 3 IRCs.(Hartsell-CA). same in 30 ds. for 1 IRC.(McNair-TX).9605 w/ "Last Judgement" cd. in 14 ds. for 1 IRC.(Hughes-MAN).

VENEZUELA: Radio Yaracuy YVPA 4940 f/d green and white "Network" cd. in 3 mo. for a SP rpt. and ms. Addr: 5a Avenida Frenta Al Parque Junin.

VIETNAM: VOV 15012 ltr. in 68 ds. for (Prisco-PA). 3 IRCs. w/ pennant.(Hill-MO). 10040 w/ ltr. and pennant in 55 ds.(Watts-NZ). Rcvd. 12 pennants for the next NEADXO.(Barto-CT).

Out of order...I never gadgeated from spelin clas.

URUGUAY: SODRE 11885 cd. in 14½ mo. for a SP rpt. and 2 IRCs.v/s Jaime Bravo, Director.(Pineault-QUE). same in 10 mo.(Alm-BC). in 216 ds. for an EG rpt. and 2 IRCs.(Hill-MO). 9515 w/ same cd. in 1 yr. for a SP rpt. and 1 IRC.(Cannon-NC). same in 306 ds. for 1 IRC.(Hoffman-PA). same in 124 ds. for a SP rpt. and 2 IRCs.(McVicar-

USA: KGEI 9575 f/d cd. in 14 ds. for 1 IRC ONT). (Laird-NJ). 5980 w/ "S.F." cd. in 1 mo.(Higgin) same in 16 ds. for ms.(Cucura-PA). WFAT Fat City Radio 1620 cd. in 1½ wks.(Valko-PA). in 14 ds.(McVicar-ONT). WWV 10000 and 15000 w/ f/d cds. in 9 ds.(Kusalik-ONT). WINB 15145 f/d ltr. in 2 wks. for ms.(Wilhite-TX). 17720 w/ f/d cd. in 14 ds. (Swanson-IA)...Hope you like the letter. Rich...Sam. VOA Greenville 17785 f/d cd. in 3 wks.(Prisco-PA). VOA Bethany 21485 f/d cd. in 3 wks.(Prisco-PA). VOA Dixon 21610 f/d cd. in 17 ds.(Prisco-PA). VOA Delano 17895 f/d cd. in 17 ds.(Prisco-PA).

WEST IRIAN: RRI Manokwari 3427 f/d cd. in 64 ds. for ms. v/s Soedarsono.(Kusalik-ONT). RRI Sorong 4875 f/d cd. in 34 ds. for an IN rpt. and 1 IRC.(Hoffman-PA).

YUGOSLAVIA: Radio Yugoslavia 9620 f/d "Castle" folder cd. in 5 mo. for 3 IRCs(O'Donnell-PA).

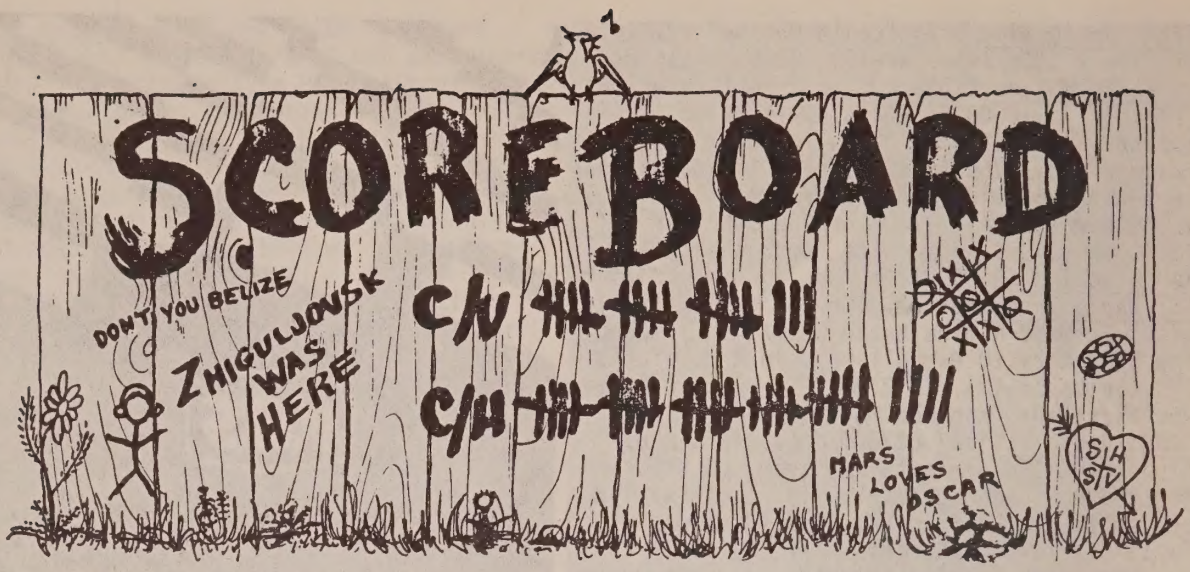
Next month we go to 9 pages and then back to 10 pages for the Spring and Summer!

* Leslie Byron of 128-10 237th St., Laurelton, NY 11422 would like to know if any of our reporters has recently rcvd. a pennant from the NHK or the IBA. Any help?
* Nice looking QSL Survey Dave.
* Dave Wilhite of 902 West 35th St, Odessa, TX 79762 would like to receive a Radio Nederlands 50th Anniversary QSL. Anybody get a duplicate card?
* Randy Hill...If you have anymore circa mid 60s QSLs, send them in to the column. We'd like to use them...Sam.

Sincerely,

SUPPORT YOUR CLUB

Best of DX and QSLing and may everyone have an early Spring...



• Editor: Myron Smith
36 Ogden Ctr. Rd., Spencerport, NY 14559

	Reporter/Location	C/H	C/V	Europe CH	Europe CV	Best
1	James Young, Calif	222	207	--	--	---------
2	John Tuchsch'r,Wis	220	---	38	--	---------
3	Irv Johnson, Calif	219	72	36	7	Iceland
4	Dan Henderson, Md	218	203	39	37	W Berlin
5	Sam Barto, Conn	216	206	--	--	World Mus
6	Ernie Bebr, Ont	215	195	38	37	Frankfurt
7	Richard Pistek,Ill	214	209	38	37	Andorra
8	Bob Padula, Austla	214	206	36	36	Andorra
9	Al Sizer, Conn	212	204	38	38	Petrozv'k
10	Marlin Field, Mich	211	205	38	38	Petrozv'k
11	Bill Sparks, Calif	211	205	37	36	Tallinn
12	Edward Shaw, Ky	210	199	37	36	Aus Army
13	Alan Mayer, Ill	209	185	37	36	Riga
14	Ed Kusalik, Ont	208	181	37	37	W Berlin
15	Bill Whitacre,Mich	208	172	31	31	IBF Time
16	Paul Routenburg,Ont	206	168	--	--	---------
17	Jerry Berg, Mass	204	197	38	37	RCl Pared
18	Roger Legge, Va	204	177	39	37	Andorra
19	Albert Garrou, Ill	204	150	37	31	---------
20	Dan Robinson, DC	203	167	--	--	---------
21	Myron Smith, NY	201	165	37	34	Sicily
22	Al Niblack, Ind	200	130	--	--	Athens
23	Jim Fedor, Calif	199	126	37	33	Iceland
24	Victor Jaar, Que	198	4	--	--	---------
25	Alan Roth, NY	197	181	38	37	Iceland
26	Gerald Bishop, Pa	196	147	38	35	Sicily
27	Al Miller, Ohio	195	175	--	--	---------
28	Neal Perdue, Ala	192	55	--	--	Greece
29	Tom Gavaras, Minn	191	155	33	29	Luxemburg
30	Larry Abraham,Mich	188	144	34	33	Iceland
31	Joe DiLeo, Conn	187	166	35	33	Andorra
32	Andy Robins, Mich	182	129	34	31	Rikisut'd
33	John Fisher, Ont	178	136	35	33	Azores
34	Chris Lobdell,Mass	176	159	35	32	Greece
35	Kent Willis, Ky	176	134	32	31	Iceland
36	John Sgrulleta, NY	175	175	33	33	Estonia
37	John Herkimer, NY	175	152	35	34	Riga
38	Steve D'Adolf,Mass	174	141	--	--	---------
39	Jim Uerlings, Ore	174	12	33	6	Budapest
40	Ron Howard, Calif	173	147	--	--	---------
41	Bobby Hobbs, NC	173	104	35	31	Iceland
42	Mike Ryan, Calif	172	153	--	--	Riga
43	Hank Michalenka,RI	172	136	34	34	W Berlin
44	Albert Cannon, NC	171	146	33	32	Sicily
45	Charles Wootten,It	169	140	37	36	Andorra
46	Hadley Cress, Va	169	6	33	1	DW Malta
47	Martin Foltz, Mich	167	111	34	24	Sudwestf
48	David Sarrazin,Col	167	107	24	14	Tirana
49	Terry Krueger, Fla	166	98	35	29	EspnaInd
50	Wade Smith, Mass	164	95	35	29	Luxembrg
51	Troy Gower, Ill	163	133	33	31	Iceland
52	Robert Wiles,W Va	160	126	--	--	---------
53	Bob McCoy, Nebr	160	81	--	--	---------
54	Neal Kolb, Fla	160	75	33	28	Luxembrg
55	Jay Florian, Ill	159	100	34	31	Iceland
56	Jerry Lineback,Ill	159	97	--	--	---------
57	David D'Angelo, Pa	154	---	30	--	Czechosl
58	Andre Pineault,Que	151	122	34	34	Andorra
59	Michael Agner, NJ	149	87	27	25	Andorra
60	John Lackmann, Va	148	11	31	1	Sweden
61	Tom Overcamp, Sc	145	122	32	32	Sicily
62	Niel Wolfish, Ont	144	100	--	--	---------
63	Robert Smith, Ill	144	91	--	--	---------
64	Dan McCarthy, Fla	143	122	32	32	Espana
65	Douglas Wilks, Pa	143	97	--	--	EspnaInd
66	John Huniwell, NJ	141	112	34	33	Andorra
67	Michael Salay,Ohio	141	88	33	32	Sudwestf
68	Mitchell Taylor,Ga	141	82	--	--	---------
69	James McClure, Ky	140	77	29	28	Yugoslva
70	Brian Alexander,Pa	139	66	33	30	IBF Time
71	Woody Seymour, NC	138	111	--	--	---------
72	Greg Ravenhorst,Mn	138	100	30	29	Greece
73	Ira Teitelbaum, NJ	137	132	34	22	R Messias
74	Charley Hoffman,Pa	136	105	--	--	---------
75	Allan Courtney, Ky	136	51	32	24	---------
76	Lauren Ware, Va	136	47	--	--	---------
77	Stephen Pitts, Ore	135	107	28	26	Luxembrg
78	Bill Reynolds, NY	135	74	32	26	Poland
79	Ralph Alm, BC	134	86	29	25	---------
80	Steve Kennedy, Fla	133	87	--	--	---------
81	Mac Leonhardt, Ind	133	70	--	--	---------
82	Philip Wala, Calif	132	97	30	28	EspnaInd
83	Roly Desrosiers,Ma	132	91	34	33	Malta
84	Brett Saylor, Pa	132	68	32	28	Luxembrg
85	Stephen Porter,Con	132	66	--	--	---------
86	Conrad Richardson	132	3	30	--	---------

	Reporter/Location	C/H	C/V	Europe CH	Europe CV	Europe Best
87	George Link, Calif	131	90	--	--	--------
88	Henry Lazarus, La	130	122	30	30	Tirana
89	Scott Newman, Ill	130	90	--	--	--------
90	Robert Fleck, Ill	128	100	--	--	--------
91	James Smallwood,Al	128	76	34	25	TWR Monco
92	Edward Pyatt, Pa	125	114	30	30	Andorra
93	Albert Muick, Pa	125	101	32	31	ABC Engld
94	Brian Mooney, Ont	125	90	33	31	Iceland
95	Jim Douglass, Pa	125	78	33	27	Poland
96	Mike Hardester,Okw	124	114	26	25	Greece
97	Adam Gaffin, Mass	123	80	--	--	EspnaInd
98	Larry Edelstein,NY	123	27	33	14	D Welle
99	Jeff O'Donnell, Pa	121	56	31	26	Greece
100	Werner Hoffman,Cal	121	---	--	--	--------
101	Richard Colgan,Tex	121	---	29	--	--------
102	Jeff Roth, Ohio	120	81	32	30	ICRC Genv
103	Dave Valko, Pa	120	77	29	25	Denmark
104	John Onken, Ill	120	77	--	--	--------
105	Vladimir Cucura,Pa	120	56	32	25	Belgium
106	Bill Bogel, Calif	120	---	--	--	--------
107	Jay Hamilton, SC	119	81	30	28	Poland
108	David Snyder, NY	119	54	31	23	Luxemburg
109	Peter Schipelliti	117	53	31	24	ICRC
110	Dan Prisco, Pa	115	91	34	30	Iceland
111	Dave Twiggs, Conn	114	78	--	--	Sudwestfk
112	Ben Radcliff, Ill	111	65	--	--	--------
113	Robert Viau, Que	110	96	--	--	--------
114	Gerald Word, Ga	109	91	--	--	--------
115	Steve Shotola, Ill	108	75	28	26	Greece
116	Dan Morisseau,Nebr	108	38	--	--	--------
117	Robert McIntosh,On	107	66	--	--	--------
118	Gary Biasini, Alta	107	50	30	20	TWR Monco
119	Tom Blossom, Ohio	106	93	31	28	CLT
120	Rizal Baysa, Mich	106	66	--	--	--------
121	William Mann, Ont	105	89	30	27	Riga
122	Timothy Noonan,Wis	105	71	32	30	Poland
123	Arthur Burke, Fla	105	64	30	28	Poland
124	Mildred Marshall,ND	104	90	31	30	Vilnius
125	Kevin Mikell, Ill	104	84	30	27	Norway
126	Bruce Schoenfeld,Ct	104	71	24	19	Tashkent
127	Charles George, Tex	101	69	30	27	Greece
128	Frank Hermann, Ont	97	74	30	28	VOA Engl
129	Robert Goss, Tex	97	72	29	29	Luxembrg
130	Pete Grenier, Calif	97	68	24	21	TWR Monco
131	Rob Harrington,Colo	97	51	--	--	--------
132	Bill Harms, Utah	96	63	28	22	Luxemburg
133	Steve Sbordone, Fla	96	45	--	--	--------
134	Ted Muszynski, Conn	96	43	29	25	ICRC
135	David Greenes, Mass	96	21	--	--	--------
136	Thomas Lebryk, NJ	94	58	--	--	--------
137	Dale Bohlke, Minn	93	72	--	--	--------
138	Mike Brooker, Ont	92	70	29	27	Poland
139	Hans Johnson, Tex	91	65	--	--	--------
140	Lenny Saaf, Ill	91	31	29	15	Sw Tel
141	James Mulvey, NY	90	75	32	31	W Berlin
142	Robert Wallace,Japn	86	62	--	--	--------
143	Chris Leithner,Tenn	86	59	28	26	Sudwestf
144	Ken Kashiwabara,Cal	85	55	--	--	--------
145	Marjorie Burns, Ill	85	55	--	--	--------
146	Mickey Delmage, Man	84	77	31	31	Iceland
147	John Sillings, NY	84	71	--	--	--------
148	Jay Golden, Ill	84	57	27	24	Poland
149	Edward Stroh, Ill	83	64	28	26	Norway
150	Gene Eastman, Tex	83	30	25	12	Belgium
151	Arnold Lausevich,Ws	82	67	--	--	--------
152	Tim Barany, Ill	82	63	28	26	RFE Ger
153	Chris Pygott, Ont	82	62	--	--	--------
154	Jackie Cole, Colo	81	56	25	20	Bulgaria
155	Robert Ward, NB	79	57	--	--	--------
156	Clarence wilson,Tex	78	58	26	23	Xandr Mlt
157	Bill Leal, Ont	78	53	--	--	--------
158	Greg Danylchenko,On	76	63	--	--	--------
159	Robbie Berezowski,A	75	53	16	9	Kiev
160	Chuck Self, Minn	74	58	31	25	TWR Monco
161	Jim Green, Ala	73	60	--	--	--------
162	Roger Reini, Tex	71	34	--	--	--------
163	Tony Capobianco, NY	69	53	--	--	--------
164	Dave Maxfield, Mich	69	---	29	--	--------
165	Jim Doyle, Wisc	66	36	--	--	--------
166	Kevin McManus, BC	65	53	--	--	--------
167	Ken Delong, Pa	64	56	20	15	Finland
168	Daniel Conti Jr, NY	64	45	--	--	--------
169	Jerry Clark, Ind	63	46	28	25	Vilnius
170	Scott Blixt, Minn	60	42	--	--	--------
171	Joe Dias, Calif	59	45	26	21	--------
172	Robert Zajda, Mass	58	41	27	21	Xandr Mlt
173	Jerry Schmidt, Wisc	58	34	21	17	--------
174	John Hancock Jr,Cal	58	27	--	--	--------
175	Joe Ihnat Jr, Pa	55	47	21	15	Tirana
176	Rita Vernetti,Kwaj	55	47	14	13	TWR Monco
177	Chuck Neff, Ill	54	42	--	--	--------
178	Thomas Kenny, NJ	54	25	19	5	Denmark
179	Dave Hascall, Ind	52	34	25	18	Vatican
180	Tom Jeffrey, Ariz	52	21	--	--	--------
181	Paul Brouillette,Mi	48	37	15	13	Vilnius
182	James Matthew, Vt	47	38	--	--	--------
183	Tom Lister, BC	46	28	5	1	Sweden
184	Lexington Smith, NY	46	25	--	--	--------
185	Charles Dumont, Que	34	19	--	--	--------
186	Mike Colacave, Mass	33	25	--	--	--------
187	Steven Sahnow, RI	23	20	13	11	Sofia
188	Richard Austin, Ky	17	7	--	--	--------

That covers everything received here through February 16. Next deadline is May 15. Spotlight is OCEANIA/ANTARCTICA. So send me your Oceania totals (not including Antarctica) and let me know if you have heard and QSLd Antarctica. For the next issue I will remove anyone who hasn't updated their totals since 1/1/78. So get your totals in. Till then 73's

update

March 1979***Number 38

Tom Alleman
615 W. 43rd Terr., Apt. 6
Kansas City, MO 64111

(816) 931-5943 0030-0400 GMT only!

UPCOMING DEADLINES: 12 March (Mid-March) 26 March (April) 12 April (Mid-April)

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HELP!!! Once again, it is necessary to go over the few ground rules I ask you all to follow so that UPDATE can get out on time each month. (1) Submit your reports on 8 x 10½ or 8½ x 11 inch paper. (2) If at all possible, TYPE; When you type, single space the body of an item and double space between items. (3) USE ONE SIDE OF THE PAPER ONLY. IF YOU DO NOT, YOUR ITEMS ON THE REVERSE SIDE WILL NOT BE USED. I GUARANTEE IT. (4) If your material is three weeks old on the date of the deadlie, it is too old for UPDATE. (5) If you do not type, please print as neatly as possible. Even better, why not use NASWA LR report forms??? They're fine for use for UD items.

ANGOLA R. Nacional, 4820, in PT 2200-2230; talk by W, possibly nx or comment. ID 2216: "Emissora Radio Nacional de Angola." African vocals and pops. Did not hear Em. Reg. Huila ID reported elsewhere. (Syd Osterman, ONT 2-6)

ARGENTINA RAE, 9690, at *0259; IS, ID, press review. M&W anncrs. Mixing badly w/ Bucharest SP to LAm. (Klein, FLA 2-6)

BOLIVIA R. Stentor, 6090, in Indian 1025; ID, TC, band mx, talk (nx???). Miserable het. (Jack Jones, MISS; 2-13)

BOTSWANA RB, 3356, *0358; cowbell IS, choral anthem and ID by W in Setswana. Hymn and sermon by M. Somewhat better than //4845. (Osterman, ONT)

BRAZIL R. Clube de Conquista, 3335, in PT 0005-0015+; W anncr, upbeat LA pops, "Conquista" ID or mention 0013. (Neal Perdue, AL 2-12) +++ R. Cultura (Araraquara), 3365, in PT 2345-0005+; LA and US easy listening mx, M&W anncrs, M at 2359 w/ two IDs, freq anncmt and into nx or comment. (Perdue, AL 2-11) +++ Emis. Rural, 4765, in PT 0815; mx program. No ID heard but mentions of Amazonas in ads and time given was time for Santarem. (Marlin Field, MI 2-10) *** Welcome aboard, Marlin. tba *** R. Pionera, 5015, in PT 0809; "Musica Brasilieras" or similar, ID as "R. Pionera de Teresina". Was hoping that this was R. Cult. de Cuiaba which I haven't heard since Pioneira moved up here. (Field, MI 2-10) +++ R. Inconfidencia, 6000, in PT from 0730 w/ mx and complete ID at 0750. Hoping for Austria . . . (Field, MI 2-10)

BURMA BBS finall noted on 4725 at 1158 16 Feb; poor but audible in slop from UTE and military SSB stns. Verns talks by M to about 1207. ID on hour, I think. (tba)

CHINA RP, 4850, in CH 2319+ 3 Feb. Poor sigs under SRS but could make out very emphatic and enunciated talk. (Bill Whitacre, MI)

COLOMBIA LV del Cinaruco, 4865, in SP 0914; ID: "Radiodifusion de prestigo, Caracol, LV del Cinaruco. Then talk and campesino mx. (Jones, MISS 2-8) +++ R. Surcolombiana, 5010, in SP 0255 w/ sports b'cast. (Field, MI 2-10) +++ R. Cinco, 5040, in SP 0857; ID: "Emisora Caracol, Radio Cinco." Odds & ends mx. (Jones, MISS 2-8)

COSTA RICA R. Casino, 5961a, in SP 1157; ID and nx at 1200 poor because of QRM from 5960. (Field, MI 2-9)---Casino also noted on 5960 in SP at *1030; band mx, "Muy Buenos Dias desde Puerto Limon. Transmite Radio Casino." Freqs, address and ranchera mx. (Jones, MISS 2-13)

ECUADOR R. Trifuno presumed the one on 3268a in SP at 1045; continuous Ecuadorian mx. IDs few and far between. 98% sure of ID (annced very fast), but positive QTH is Sto. Domingo de los Colorados. Faded 1135. (Jones, MISS 2-13) +++ LV de Saquisili, 4900, tentatively noted several mornings 12-16 Feb in SP 1145-1210. Light latin mx and possible IDs at 1200. Time of ID varied as much as ± 3 or 4 minutes. Never better than poor and ID copy impossible. Hence the tentative marking. (tba)

*EUROPEAN PIRATES Based on info from Pitt McNeil and tip from Dan Henderson noted R. Sunshine Int., 7325, in EG 0810. Male DJ, 2 songs, ID: "You are listening to a tx from R. Sunshine Int. We're b'casting on 7325 in the 41 mb and 6225 in the 49 mb." Welcomed reports to address in Feb LN-10. Noted several other IDs and Elton John mx. Faded 0900. (Dan Robinson, DC) +++ R. Viking, 6249, per tip from Henderson; 0857-0901 IS, full ID by M, freq, possible QTH, Italian ID by W 0914 as " R. Vee-king, Ondes Cortes" (spelling errors mine--tba), ID by M giving offshore location 0917. Faded by 0930. QRM from possible Korean. (Robinson, DC) *** Nice!!! tba*

GABON RTVG, 7270, w/ nice local mx 0740; almost like island mx but for weird string sounds. (Klein, FLA 2-3)

GERMANY (FED REP) Sudwestfunk, 7265, in GM 0730; heavy but intermittent ARO QRM. M&W anncrs and local pops including GM-EG version of song from Grease. Many ads. Chimes and ID on hour and half hour. (Klein, FLA 2-13)

GREAT BRITAIN According to March "London Calling," BBC will drop 15260 Asecncion to NAm from 2000-0300 beaming that freq to SAm instead. Freq will be replaced to NAm by 15420 from UK. Reception quality may drop. (Bob Zilmer, WI)

GUATELAMA R. Tesulutlan, 4835, in SP 1157. ID and stn plug. (tba)
HAITI Take your pick on 6155!!! At 0955 2-10 relay of R. Nationale px of local mx w/ IDs, but also ads for such as "International de Paris" in Cap Hatien. Also heard Citadelle ID . Strange. (Klein, FLA)
HONDURAS R. Juticalpa, 4780, in SP 1045; Anncr w/ many IDs all in one breath, "buenos dias" to many people, ranchera mx. Carabobo on suddenly 1050 causing bad mess. (Klein, FLA 2-10)
INDIA AIR, 11620, in EG 2100; surprisingly good w/ world and local nx, ID and comment on the importance of forests. (Klein, FLA)
INDONESIA RRI Menado (Celebes), 3215, in Indo 1240; talk by M, orch mx and ID by W, 1244. Brief talk and into SP-like guitar mx. (Whitacre, MI 2-3) +++ RRI Bengkulu (Sumatera), 3265, presumed the one here at 1247 w/ local remakes of C&W tunes by M w, Kroncong and M anncr. Could not get ID. (Whitacre, MI 2-3) +++ RRI Samindara (Borneo), 3294, in Indo 1250; US pops or local remakes thereof. ID based on unusual freq and past monitoring. (Whitacre, MI 2-3) +++RRI Ternate, 3345, here again 1240 in Indo; dialogue or interview between two W, local ID before barely audible Jakarta nx relay. (Whitacre, MI 2-3) +++ RRI Kupang (Timor), 3385, at 1305; big sig after Rabaul off; Jakarta nx relay and recorded speech. (Whitacre, MI 2-3) +++ RRI Padang (list), 4002, in Indo 1310 2-3 // other Jakarta nx outlets. (Whitacre, MI) +++ RRI Ujung Pandang, 4753, tentatively at 2203-2212 in seeming Indo; chorus, subcont style vocal. No ID but pretty sure this is them. (Osterman, ONT) +++ RRI Fak-Fak (W. Irian), 4790a, w/ Jakarta nx relay 1215. (Klein, FLA) +++ RRI Sorong, 4875, in Indo 1250-1305; local mx and vocals, SCI, and nx. (Osterman, ONT)
IRAN VoI, 9022//15084, 0350 2-12 blasting in w/ AR type mx and M w/ RTV Iran ID. No ID or talk on hour or half hour, just mx and intermittent IDs. Undoubtedly caused by recent upheavals. (Klein, FLA)
ISRAEL IBA in EG 0500-0515 w/ nx, weather, sports on 15145 (poor), 17630(fair to good), 17815 (poor), 17875 (poor). Also noted on 11840 w/ good sigs 0435 in Ladino, 0440 in Moghrabi, 0445 in SP, and 0455 in Hebrew. (Zilmer, WI)
KOREA (NORTH) Pyongyang, 9977, in RS 0940; martial mx and M anncr. In very well. (Klein, FLA) +++ Pyongyang, 4771, in lang 1200+; IS to 1201, long anthem and talks by W. Good. (tba)
KOREA (SOUTH) Seoul, 15565, in KR 0900-1100 2-11; native mx, talks, letters from oilworkers in Saudi Arabia; must be expanded service. (Bill Harms, UT) *** Bill speaks KR and notes that many Koreans work in the mideast oil fields. tba
MEXICO R. Educacion, 6185, in SP 0300-0700*; mostly jazz w/ infrequent IDs. Sometimes has regional mx of one type. MW // 1060 also audible here. (Dave Walcutt, TEX)--- Per tip from Walcutt, R. Educacion, 6185, in SP 0328 vy nice px of big band jazz. ID, TC, 0331. (tba)
NEW CALEDONIA Noumea, 7170, at 0815; EL mx to 0820, then ID by M. (Klein, FLA 2-3)
PAKISTAN Karachi, 4960 NF, tentatively noted many days 1250-1315*. Subcont mx and talks in poss Urdu. Can hear ments of Karachi and Pakistan at s/off. Tough copy. (Osterman, ONT)
PAPUA NEW GUINEA R. Milne Bay, 3360, in PD; pop song, C&W song and guitar solo. (Osterman, ONT) *** time Syd??? tba
PERU R. Cusco, 6195, in SP 1021; ID, local mx. (Jones, MISS; 2-13)
SINGAPORE RS, 5010// 5052, at 2300 w/ instrumental mx and EG talks. ID 2307 (Whitacre, MI; 2-2) +++RS, 11940, w/ pops ans W DJ and ID . (Klein, FLA)
TURKEY Turkiye Polis Radyosu, 6340, from 0459 w/ mx px. No ID heard but mx was Turkish in nature; very very little talking. May have been s/on at t/in. (Field, MI 2-8) *** This deserves more checks and a tentative notation I think. '75 WRTVH lists power as 350 w. tba
UPPER VOLTA RTVV, 4815, at 0645; M anncr w/ ID and talks. Local mx. (Klein, FLA)
USA KGO harmonics noted on 4530 and 9060 many evenings in Eastern Washington. Should be getting out well. (Hugh Miller, WA)
USA(PIRATE) R. Liberation, 7425, at *0225 2-12; music box IS, ID as Voice of the Amplitude Modulation Liberation Army, QTH as Putrid, LA. NA by Hendrix, and acid rock. (Klein, FLA) ---R. Liberation also nted here tnx to tips from Klein: on 12 Feb at 0237 t/in w/ heavy metal rock including Queen, "We are the Champions", ID w/ jingle as above, campos mx to 0300 and off at 0304 w/ "Internationale." On 2-19, t/in at 0217 for "Pol Pot Exile Show" ad or description of a magazine, quick ID, sitar mx and off 0234 w/ "Deutschland Uber Alles." Good sigs but bad audio. If you're QSLing boys, my adress is listed above.(tba)---Liberation also noted on 19 Feb 0218-0229 very strongly, implying that it is this area. (Dan McCarthy, FLA)
USSR Apparent RS speaker on 4850 at 1218. classical songs in RS. Tashkent or a new Mongolian? (Osterman, ONT) *** Right now I vote for Tashkent relaying Mayak. tba
VIETNAM Hanoi, 4944, at 2310 2-2 w/ orch mx and M&W in Viet. (Whitacre, MI)---Hanoi also noted 2243-2300 2-3 on 4944. Talks by W and choral singing. (Osterman, ONT)

LATE ARRIVAL: CANADA CKFX, 6080, in EG peaking for nx and C&W mx at 0900 17 and 18 Feb. (Bob Rankin, KS)

CORRECTION: In UD 35, I said that Bob Zilmer is ANARC-FRC chairman. Bob wrote to say that he is midwest group leader of FRC. RichardVarron is chairman. Sorry, gentlemen. tba

POSTAL DIFFICULTIES DEPARTMENT: Am still having mail problems because of my vandalized mail box. If your material didn't appear this time or last, that is undoubtedly the reason. Sorry for the problem but please bear with me. I'm trying to make arrangements with the P.O.. In the meantime best of 7 ,

Tom

log report section A 1600-4899

DAN ROBINSON

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Hello again, and welcome to the March edition of LR-A. I fell down the stairs to the house this morning, but it didn't matter much. . . the 24 inches of snow cushioned the fall. Washington was hit hard last night, and I envy those of our reporters in LA right now. We have interesting material this month so I'll get right to it....many interesting Asian logs as well as information on some Latin American stations. We have a guest reporter, Jean Jacques Bloch, native of France who is here in the D.C. area working for COMSAT. . . On with the show. . . . .

1620 USA Pirates: Various stns noted have been WGCR, WENJ, WFAT, and PRN Radio with same basic format, phone-in pgms, pop mx...WFAT in NY, 0840-1000 w/phone-in pgm; member of DX club called host Larry McCrea and tlked abt VOV and other pirate stns, to 1130*(Alexander 1/14) PRN Radio Central New England "Pirate Radio Network" 0509-0600 w/"Test transmissions (McVicar 2/3)

2160H COLOMBIA LV de Suramerica: 2 x 1080, 0529-0544 SP, w/vocals and a few ballads, ID 0530, very strong on 1/23(Barto)

2200 NICARAGUA La Lider: 0200* SP ID by M, fair w/no QRM, off two hours earlier than normal (G. Sherman 1/25)

2290HT HAITI 2 x 1145, 1100-1110 in FR w/mx by M followed by instr mx, weak (Barto 1/21)

2310 CHINA Yunnan: 2245-2300 w/CH tlk by W over the Brazilian stn, R Progresso; these two stns flip flopped for this period but both were very audible(Barto 1/25) Yunnan meaning "South of the Clouds"..DR

2310 BRAZIL R Progresso: 2230-2256 PT w/tlks by M ancr and pop mx, E (Barto 2/3)

2320 BRAZIL R. 8 de Setembro: My UNID PT of Jan has been successfully IDed via monitoring; hrd more often around 0030 than any other time (Barto)

2340 CHINA Fuzhou: 1116 CH, W with tlk, CH mx (Cucura 1/4) Fujian-1 1439 CH, 2 CH violin concertos for full symphonic orchestra to 1459 (DW Johnson 1/20)

2400 BRAZIL R. Educadora: 1051-1111 in PT w/ID, vocals, anmts by M/W, mentions of Macapa and Sao Jose (Barto 1/21)

2420H GUATEMALA R. Rumbos: 1150 SP, Marimba mx, TC, ID, 2 x 1210 (Klein 1/10)

2460 CHINA Kunming: 1140-1155 w/CH tlk by a W, VG (Barto 1/25)

2476 CHINA Zheijiang-1/Hangzhou: 1436 CH, W vocalist, F/G (DW Johnson 1/20)

2490 CHINA PLA FFS-1 Fuzhou: 1433 CH tlk by W, G (DW Johnson 1/20)

2490 CHINA Fuzhou: CH fm 1150-1200 w/female ancr (Barto 1/28)

2490 BRAZIL R Educacao Rural: 0012-0032 PT, blasting in w/uptempo mx, loud M in tlk, "Rural" IDs (Krueger 1/17)

2745 N. KOREA HS-1 Sinjiju: 1429 KR, M in tlk, ID 1430, more tlk, //3032/2775,2765. Good (DW Johnson 1/20) 1140-1156 KR, oriental mx and spotty ancmts by M(Barto)

2765 N. KOREA HS-1 Pyongyang: 1425 KR, M in tlk //3032,2775,2745(DW Johnson 1/20)

2775 N. KOREA HS-1 Hamhung: 1420 KR, M in tlk //3032,2765,2745 (DW Johnson)

2850 KOREA KCBS: 1101-1125 in KR(?); lang unsure (Barto 1/4) This N. Korea....DR

2920H HAITI LV du Nord: January log has been IDed as 4VEA, w/decent signal most AMs along with Voix du Peuple on 2950 (Barto)

2980H USA WAZL Hazleton PA: 2 x 1490 w/call, lcl wx, ads; in nearly every AM as is WTVL on 2980--they seem to alternate (Barto) WTVL Waterville, ME w/college hockey scores and mentions of Waterville, ME (Barto 1/27)

3000 CHINA FFS-1 Fuzhou: 1414 CH, W in tlk to 1415, march mx,G (DW Johnson 1/20)

3030 N. KOREA Wonsan HS-1: KR(?) 1124-1137 w/tlks by M (Barto 2/9)

3032 N. KOREA Wonsan: 1411 KR w/tlk by M //2775, 2765,2745, F (DW Johnson)

3200 CHINA PLA FFS-2 Fouzhou: 1407 CH, M/W in tlk, (DW Johnson)

3204 JAVA RRI Bandung: 1425 IN, EZ listening pops w/full ID 1427 by W (Godfrey 1/27)

3205 BRAZIL R Riberao Preto: 0010 PT, M ancr with deep voice, short tlks, Brazilian pop mx and US disco, many ads and IDs (Godfrey 1/14)

3210 ECUADOR R Federacion: 2328-0012 SP, indeed on, w/rustic flute mx, many IDs by M, messages w/mention of Ecuador 0002, VG! (Krueger 1/17)

3215 SULAWESI RRI Menado: 1425 IN, M vocalist w/lcl song, W DJ (DW Johnson) 1328-1340 IN, mx pgm not //4753 UP (Lineback 2/3) 1321 M w/on-the-scene rpt, animals and people hrd in background; W w/ID, pop mx (Godfrey 1/24) 1240 w/tlk, ID at 1244, and into guitar mx (Whitacre 2/3)

3220 CHINA CPBS: 2230-2244 in CH w/W speaking // 3660,3920,6225,6750,4800(over YV), 4905 and 5880 (Barto 1/25) 1320 CH tlk with instr mx (DW Johnson)

3220 PAPUA NEW GUINEA R Morobe: 1225 Pidgin, EL piano mx to 1230 ID, tlk(Klein)

3221T TOGO Lama Kara: 2225-2231* in lang, M w/tlk in lang, short choral song and off; sked fits (Perdue 1/14)

3227 LIBERIA ELWA: 2220-2223* EG, IDs by M and NA at s/off, good for 10kW(Valko)

3223 SWAZILAND Radio SR: 0205-0255 EG, DJ, pop mx, lcl TCs, ads for British Benson & Hedges, insect spray, soap, etc...(Howard 1/23)

3230 TAIWAN BED 31: 1150-1206 w/tlks by M fm 1149-1200 followed by what seemed to be mx pgm to f/o 1206(Barto 1/27).....1323 CH tlk (DW Johnson)

3235 INDIA AIR Gauhati: 1357 Bengali or Assamese, lively tune w/flutes and other instruments, UTE QRM, song w/M singing (Godfrey 1/12)

3235 BRAZIL RC Marilia: 0001 PT ID by M w/mx before and after; "Marilia hrd quite clearly, listed 500 watts in 1977 WRH...is it still?(G Sherman 1/25)Suppose so.DR

3240H VARIOUS HARMONICS OF STNS on 1620 including WFAT, WGOR, etc.....(DR)

3255 VENEZUELA LV del Tigre: 0321 SP DJ, ID, mx (Nikolich)

3255 LIBERIA ELBC: Embassy officials here in D.C. (Liberian Embassy) says ELBC has some time to go before going to 50kW...watch this freq anyway until further info on the new 50kW Xmtr becomes available(DR)

3260v ECUADOR LV del Rio Carrizal: 0310 SP tlk and IDs by M, mx varied, as does the freq, up to 3262; Fair to good w/3261 het(G Sherman 1/18) 1057-1113 SP, singing ads, Ecuadorian mx, several IDs (Cucura 1/4)

3261v ECUADOR R Triunfo: *1058 in mid-song, SP ID as "R. Triunfo R.C.A." by M, AD, played part of Herb Alpert's "A Taste of Honey" during ad; faded into noise by 1130 (Lobdell 1/30) 0343-0412 w/mixed bag of mx, from SP vocals to Bee Gees tunes; M ancr ID as "Radio Triunfo, Santo Domingo de los Colorados"; do not know what this one is doing sitting on top of another HC (Moritz 1/28) My apologies to Marlin Field whose log I questioned last month...DR

3260 PAPUA NEW GUINEA R Madang: 0825 M in Pidgin comment, TC "26 minutes past..." spoke of education in PNG and referred to Madang; ID for Madang (Poppin 1/12)

3263 ECUADOR: As per last month's logging on 3260v, noted here w/Ecuadorian mx and vocals, mentions of Ecuador 1115-1129 (Barto 2/9) Noted here the other night on 3261....DR

3265 SUMATRA RRI Bengkulu: Presumed the one here on 2/3 w/good sig and UTE, 1247 w/lcl remakes of C&W songs by M vocalist-no ID caught (Whitacre) 1538 IN, EX listening vocals, M ancr, 1546, followed by Islamic prayers, F (DW Johnson) 1320 RRI mx //4753 to 1328 then separate pgm (Lineback 2/3) RRI Gorontalo has been noted on 3266 around 1145 as rptd elsewhere...DR

3275 SWAZILAND TWR: 0335-0346* African lang, M w/rel tlk, believe //3200, both off w/IS at 0346* (Lineback 2/4)

3284 UNID: 1120 SP TC/ID, vocals, mx makes me think this was a YV; distorted audio and poor sigs (Lobdell 1/23)

3285 BELIZE RB: 0226 EG, "World Roundup" VOA mx items, ID by W 0230 (Jones 1/30)

3290 Letter sent to John Moritz from Director of Broadcasting at Tristan da Cunha indicates no immediate plan for power increase, "With a population count of only 320 and everyone living within one mile of the transmitter, the need to increase our output is virtually non-existent and.....we have no plans in this line." Schedule still 3290, Sunday, Wednesday, Friday 1900-2200 GMT(MORITZ)

3294v BORNEO RRI Samarinda: Here 2/3 w/poor signal 1250 w/US pops or IN remakes thereof; ID assumed from off-beat freq and also made ID a month ago(Whitacre) 1413 IN, M ancr with Gamelan mx, chants(Godfrey 1/27)1320 RRI mx//4753(Lineback)

3295 BRAZIL R Iguatemi: 2315 PT, two M in tlk, ID (Perdue 1/15)

3300 GUATEMALA R Cultural: 0357 EG, M with rel sermon to 0400, ID 0400, more rel pgm (DW Johnson 1/20) 1145 SP rel mx (Klein) 0328 rel pgm (Poulos 1/24)

3306 RHODESIA RBC: 0345 tlk in vern lang by M, EG ID, pop mx (Lobdell 1/24) 0328 M in tlk, ID for RBC(Poppin 1/24) Cigarette ads, ID 0350 (Peck)

3310t CHINA Changchun: 1403 CH tlk, vocal mx, F/P (DW Johnson 1/20) Jilui or Kurin B/Cing Station; 1131-1150 in CH tlk by M; seemed //3220 but not to 3200, F to Good lvl (Barto 2/9) This is listed as Changchun in TBS, in WRH as Jilui(Kirui); the province is Kirin, pronounced "jee-lynn"/Jilin...DR

3315 INDIA AIR Bhopal: 1350 Indian vern lang, M w/tlk, into mx 1400, M vocalist drums, flute and chorus of men (Godfrey 2/5)

3319 N. KOREA Pyongyang: 1141-1153 in lang w/instrumentals; couldn't establish // on 6250 (Barto 2/9)

3320 SOUTH AFRICA SABC: 0345-0400 w/rock mx, "Radio Five" ID 0359 (Poppin 1/10)

3322 PAPUA NEW GUINEA R. North Solomons: 1226 w/inst. mx (Nikolich 1/22) 1205 w/EG pop song (McVicar 2/3)

3325 VENEZUELA R Monagas: 1045 SP, religious mx, ID (Tannenwald 1/27)

3325 GUATEMALA R Maya: *1000 SP, nice little marimba march, M ancr w/spon ancmts, 90 and 120 meter freqs, etc. (Klein 2/2) 1127 EZ listen mx w/R Maya ID(Koelble)

3340 ECUADOR R Tropical: 0240-0300 w/"msucia criolla..."(Bloch) 0249 ID, LA pops, still using reverb during ancmts (Jones 1/9)

3340 CHINA Harbin: 1327 CH, M&W in tlk with instrumental mx in background, Fair w/UTE QRM (DW Johnson)

*3345 MOLUCCAS RRI Ternate: Here again 1240 w/W in IN dialogue or interview with another person, lcl anmts, and ID just in before barely audible Jakarta mx relay (Whitacre 2/3) 1320 RRI mx //4753 (Lineback)

3355 VENEZUELA R Impacto: 0430 SP w/baseball game between Puerto Rico & Venezuela; ID as "Es Impacto, La Estacion del Savor" 0530* w/full ID, NA (Lobdell)

*3355 INDIA AIR Kurseong: 1347 IN vern, M w/lengthy tlk, followed by another M w/tlk and ID; ID again at 1400 (Godfrey 1/26)

3356 BOTSWANA RB: 0358 w/cowbell IS, then choral anthem and ID by W, mostly in Setswana; Hymn "O God Our Help in Ages Past" and EG sermon by M; poor but only worthwhile signal in 90 meter this time! Slightly better than 4845 (Osterman2/4)

3360 GUATEMALA LV de Nahuala: 0231-0252 SP, M ancr w/tlks between instr LA mx, ID R LV de Nahuala at 0239,0251, booming signal this nite (Cunningham 1/23) 0133 ID, mx and vocals (Jones 1/22) 0353 M in tlk, ID 0354(DW Johnson) 1104 M w/tlk, IDs and request mx (Cucura 1/20) 1107 w/marimba (Valko) 1135(Klein) 0344(Poulos)

3360 CHINA RP Taiwan Svc: 1045 CH folk mx, woman singing, tlk (Peck 1/18) 1150-1200 under the Guatemalan (Barto 2/9)

3360 PAPUA NEW GUINEA R Milne Bay: Pidgin, pop mx, TC, C&W(Osterman) 0840 C&W/ Island mx, ID 0900 (Klein 2/1) 1249 w/tlk in Pidgin (Nikolich 1/22)

3365 BRAZIL R Cultura: 2315-0001 PT, disco format, mostly from Grease and Sat Nite Fever; M ancr, W with ID 0001 (Perdue 1/28)

3365T IRIAN JAYA RRI Sorong : Big carrier, weakly audible Jakarta mx //other outlets; (Whitacre 2/3)

3366 GHANA GBC: 0609-0630 EG, mx, ads, TCs, IDs(Cunningham 1/28) 2222 rel svc(Yajko) 0613 w/mx, reading of new constitution (Clark 2/7)

3375 ANGOLA R Nacional: *0400 PT, NA, M w/RN ID, poltical babble; only stn audible on 90 meters, very loud for 10-15 min(Sheedy 1/28) 0501"Republica Angola" (Osterman) 0503 PT ballads by M, clear ID (Godfrey 1/25) 0515 w/tlk, ID(Cucura)

3377.3 JAPAN NHK HS-2 Osaka: 1240 JP, M in tlk, W in tlk w/possible ID, Time pips at 1300; poor-weak w/UTE QRM (DW Johnson 2/3)

3380v ECUADOR R Iris: 0537 SP w/live (seemingly) concert by M w/guitar, wild and somewhat drunk audience, IDs, TCs (Lobdell 1/14) ID, bouncy pop songs, slight QRM fm Radio Malawi(MBC), but R Iris stronger this day (Peck 1/14) 0120 SP, M&W in tlk, ID by M, marimba; have never hrd this on 3380 where it is almost always reported (G Sherman 1/25) 1110 SP, Ecuadorian mx, ancmts (Tannenwald) 0223-0244 SP, LA mx, ads, shouted ID as "Radio EEREES" at 0244 (Cunningham 1/13) 1105 SP, Ecuadorian mx, ID, anmts (Alexander 1/14)

3380 GUATEMALA R Chortis: 1140 SP, M ancr with long tlk in SP, then marimba mx Klein 1/10) 1200 SP, M w/ethnic mx, tlks (George 1/26)

3380 MALAWI MBC: 0305 in vern and EG, choral African hymn mx,(Peck 1/13)

*3385 TIMOR RRI Kupang: 1305 w/mx break in Jakarta mx relay, then recorded speech played (Whitacre 2/3) 1518-1530f/o lang comments, band mx, comments 1526 ID as Radio....Indonesia, Koopang..." 1528 chorus (Poppin 1/24) 1320 mx//4753(Lineback)

3385 BRAZIL R. Congonhas: 2320-2335 PT, mostly tlk by M, several mentions of Congonhas(Perdue 1/28)

3385 FR GUIANA FR3 Cayenne: 0220 Pop mx w/man singing in FR w/small band; anmts in FR by M/W; La Marsellaise at 0300 (Peck) 0325-0353* FR, bouncy LA tunes, M ancr, severe QSB in active conditions; s/off w/LM (Perdue 1/28) 0856 w/IS on guitar, LM 0901, M w/ID and opening ancmts (McVicar 1/31)

3385 PAPUA NEW GUINEA R East New Britain: 1053 Pidgin, children's choir, lcl mx, M ancr w/mention of PNG; QRM fm Sarawak (DW Johnson 2/3)

3390 ECUADOR R Zaracay: 1100-1115 SP, lcl mx(D'Angelo) 0251 w/Andean mx, ID "...desde Sto Domingo de los Colorados.." (Ponder) 1035 TC (Tannenwald) 1104 w/ID(Poppin) 0344 w/vocal mx, M DJ, commercials; stn lost carrier several times (DW Johnson)

*3395T SUMATRA RRI TanjungKarang: 1200-1207 mx by M in IN to 1207 (Barto 1/19)

3395 VENEZUELA R Universidad: 0645 SP, pop mx, IDs; these guys are running really late these days (Cunningham 1/28) *1003 SP, "R Universidad, la emisora de Merida" NA (Klein 2/2) 0338 vocal mx, M DJ, ID 0343 (DW Johnson)

3400 CHINA PLA FFS-2 Fuzhou: 1353 CH, W vocalist, W ancr,ID 1400 & time pips(Johnson) 1127 CH mx, M&W in tlk (Cucura)

3425T NEPAL RN: 1519 Nepali, lcl flute mx, vocal group mx, M ancr(DW Johnson 1/28)

*3541 INDONESIA RKPDT2 Bangkalan: 1410-1431 IN, pop mx by Indo artist followed by M ancr w/tlk; ID 1428 obscured by UTE but "Bangkalan" clearly hrd; also noted Situbondo on 3578 (Godfrey 1/13)

3560 N. KOREA Pyongyang: 1333 FR, M w/mx;I have this listed as SSB stn, but hrd in AM mode (Godfrey 1/15) I have listed as regular FS frequency...DR

*3607.5 JAPAN NHK HS-1 Tokyo: 1125 JP, radio drama w/mx, commercials, M ancr w/ID @1130, F(DW Johnson 2/3)

3925 JAPAN NSB: 0918 EG/JP, EG lesson, joke about Missing Persons Bureau, study of many meanings of word "hot"; //3945 somewhat worse (Clark 1/26)

3925 PAPUA NEW GUINEA NBC: 1240 EG //4890 better (Klein 1/28)
3940 CHINA Wuhan: 1350 CH, vocal mx, F/P weak under strong ARO QRM (DW Johnson)
3945 JAPAN NSB: 0831-0931 JP/EG, M&W ancrs w/tlks in JP followed by EG lessons, no ID but many mentions of Tokyo and list of reasons why Japan's people should learn EG; also noted this stn at 1330; makes it hard to hear R Vila!(Godfrey 2/6)
3960 CHINA Beijing FS: 1357 JP, IS to 1359, M in tlk (DW Johnson)
*3960T SULAWESI RRI Palu: 1321 ID by per Jim Young Indo Survey; 1334 in apparent Indo radio play w/sound effects, laughter, etc (Poppin 1/28)
3985 ECUADOR Esculas Radiofonicas Pop: *1010 in mid-song w/SP ID, taped pgm fm Radio Nederland on farming in Kenya @1108(Lobdell 1/25) 1030 w/SP tlk (Bloch)
3995 ASIATIC SSR M2 Khabarovsk: 1157 RS, classical mx, "Moscow Nights" mx IS @ 1159, time pips 1200, Mw/ID (DW Johnson 1/20)
*4002 SUMATRA RKI Padang: Good at 1310 //other Jakarta mx outlets(Whitacre 2/3) Sparks in TDXN 104 notes lcl ID for Kendari on 4000 at 1020 GMT. Presumed Padang noted here on 4003 at 2255-2315 GMT w/mx relay and M in IN tlk...DR
4034 CHINA Xizang/Tibet: Nasal Asian lang, W in brief tlks, ref to Mao, 1401 oriental orchestral mx, W in comment (Poppin 1/10) The province name pronounced "she-dzong"...DR
4045 CHINA PLA Fuzhou: 1124-1140 w/CH tlk, instr mx (Barto)"Foo-jee-en"...DR
4109 N. KOREA V of Rev Party: 1412 EG, tlk on Reunification of Korea, ID:"You are listening to the V of the Rev Party for the Reunification of Korea (Torre 1/24)
4271.8 N. KOREA Kanggye: 1412 KR M&W in vocal mx, ancmts (DW Johnson 1/28)
4460 CHINA RP: 1342 w/symphonic arrangement of Turkey in the Straw, Auld Lang Syne, Skater's Waltz (Poppin 1/28) Hrd the same (Turkey in Straw) here....DR
*4465T INDONESIA RPDT2 Kutai: 1211-1217 w/group vocals; IN by a W at 1214-1217 f/o; Peking was no problem on 4460 as far as QRM concerned (Barto 1/19)
4530H USA KGA Spokane: Noted here for some time through December and Jan;I wrote a letter to KGA explaining pblm and recvd a few days later a call from the CE, Mr. Stargell; he said he was aware of the pblm and thanked me very much for the letter; he said he would work on it that weekend and eventually problem disappeared. He also stated he received a letter about 3 x 1510 from the Virgin Is!(Hywarren) 0420 EG w/high-school basketball game, ads, strong sigs (Clark 1/13)
4635 TADZHIK SSR Dushanbe: 0000-0001 M in tlk after IS, Kremlin chimes(G Sherman) 0139 w/RS tlk (Peck 1/25)
4719 SULAWESI RRI Ujung Pandang: 1250 w/mx, anmts; 4719 apparently off at 1330 with 4753 continuing (Lineback 2/3) 1322-1331* w/IN tlk by M, 1329 ID followed by faster version of NA by chorus after band mx, short comment by W and abrupt s/o! This freq not consistent here...//4752(Poppin 1/16) 1328(Nikolich) 1320 IN tlk by M&W //4753 (Johnson) 1200 //4753 w/M in tlk, mx (Klein 1/8)
4725 BURMA BBS: 1155-1205 in lang, very pretty lcl sing-songy mx w/strings, tlk by W 1200 (Perdue 1/25) 1223 in lang w/vocal mx(Johnson 2/3) 1140 w/choral mx(Barto) 1140 in lang with tlk, vocal and string mx (Cucura 1/24) 1157 w/string mx(ZOsterman) 1307 w/tlks in lang (Nikolich)
4750 CAMEROUN Bertoua: 0505 FR, Relay of mx fm Yaounde in EG //4850(Klein 1/24) 2203-2207* EG, mx, then ID in FR, NA at s/off (Valko 1/24) Two other rpts of Lubumbashi at 0500 time slot...PLEASE take care when rptg stns as Def or Tent...DR
4753a SULAWESI RRI Ujung Pandang: 1315 IN, M/W in tlk, //4719 (Johnson) 1240 Love Ambon, M w/ID(Cucura) 1330(Nikolich) 1533 IN, vocal mx, ment of UP (Johnson)
4755 COLOMBIA Em Nuevo Mundo: 0505 SP, CARACOL IDs, ads, mx(Lineback) 0645(Alexander)
4756 BOLIVIA R Em Bolivia: 0013-0017 SP M ancr, again w/clear ID on 2/9, in several nights per month here despite almost no LR-A reports!(G Sherman) 1003-1012 mixing here with usual mess, but still audible; M w/very clear ID 1004, then W quickly, followed by men in folk vocal, then M in possible vern (Moritz 1/22)
4759 CHINA Yunnan-1 Kunming: 1535 CH tlk by M/W, F/G w/UTE (Johnson 1/20)
4765 BRAZIL R Rural de Santarem: 0758-0810, PT, carrier, s/on w/ hymn sung by choir, ID in echo-chamber style by M as "Radio Rural de Santarem" into pgm of fast-pace pop mx, VG on 1/31)(McVicar)
4767 SUMATRA RRI Medan: 1220 IN, M in tlk, mixed chorus lcl mx, F/P(Johnson 2/3) 2317 on 2/2 w/Indo sounding lcl pops (Whitacre)(TENT)
4770 VIETNAM *1200 long march type anthem, tlk by W, into Viet folk mx on 2/5, nothing at all on 2/6, but on 2/10 hrd IS, then anthem; is this Son La regional that has been reported?(Lobdell)
4770 LIBERIA ELWA: 2211 EG, mx, rel pgm (Koelble 1/20) 0600 EG (Ball)2238(Klein)
4775T INDIA AIR Gauhati: 1200 Indian folk tunes, P (Lobdell) See below...DR
4775 AFGHANISTAN RA: 1506 in lang, M in Islamic prayers, M/W in tlk, M in lcl vocal song, Poor (Johnson 1/28) 1313 surprising lvl w/M (Nikolich 1/31) 1336 Urdu and EG w/M&W in lengthy discussion, full ID 1400 in EG, EG mx after (Godfrey 1/30)
4777 GABON RTVG: 2120 w/high life mx(Peck) 0524 FR, pops and ID by M(Cucura) "Radio Libreville"ID 2142 (Osterman) 2151 folk or lcl mx, M DJ(Valko 1/22) 0556(Sheedy)
4780 HONDURAS R Juticalpa: 1135 SP, anmts, mx, TC, ID (Tannenwald 1/27)

4780 VENEZUELA LV de Carabobo: 0450 SP, w/two MCs and mx (Klein) 1007 SP ID(Lobdell)
*4780 KARELO-FINNISH SSR Petrozavodsk: 0545 W w/Moscow TC, 0552 ment of "R Microfon.." 0559 beeps and W with TC for "Deveet Chasov" and into mx (Poppin 1/22)
4785 AZERBAIJAN SSR Baku: 0201-0212 s/on with 9 note interval signal on celeste; church bells tolling the hour; RS anthem; Azerbaijani anthem; 0209 W&M withID "Danishyr Baku" and opening ancmts and into poss mx, VG!!(with QRM fm Ecos del Combeima on same freq (McVicar 2/4,5) Good log!!...DR UNID 2005 continuous AR type mx until covered by UTE at 2026 (Toope 1/4) 0405 w/tlk in RS by M&W, then continuous Azerbaijani folk mx; sounds Persian, Turkish, and Armenian mx all at once (Peck 1/7) Note, Tanzania has been noted at 2040-2100 and again at 0325*....DR...Beware similar sounding tunes....DR
*4789 IRIAN JAYA RRI Fak Fak: 1215 IN, M in tlk, Poor to weak(Johnson 2/3)
4795 ECUADOR LV DE los Caras: ID and s/off 0400(Bloch) 0045 SP, mx, anmts(Alexander?)
4800 CHINA RP: Noted 2230-2300 at weaker lvl than 4905, noted same time...DR
4802av ECUADOR R Bopular: 0443 SP, M DJ w/Ecuadorian vocal, accordion, flute, clear ID 0505 (Johnson 1/27)
4807v SAO TOME E PRINCIPE R Nac: 2230-2300* PT, lcl mx, NA at s/off (Lineback 1/24) 0544-0557 PT, lcl mx, 0550 M w/ID as R Nac da Republica Democratica de Sao Tome e Principi.." (Cucura 1/25) 2125 w/high-life style mx, ID 2201 (Peck)
4815 UPPER VOLTA RTV: 0559-0614 FR, 0600 ID by M, short mx, mixed African mx(Cucura) 0637 tlk in FR, high-life mx, c/off 0642 (Peck 1/8) 0633 FR ID (Clark 1/7)
*4820 ANGOLA Emisora Regional do Huila: 2130-2137 in PT w/ID and lively African tunes very readable signal (Barto 2/6)
4825 MALI Bamako: 0616 FR, M in tlk, ID, vocals, drums, flutes (Cucura 1/25)
4825 ASIATIC SSR Vladivostok: 1320 CH, M ancr, mx(Johnson) CH or RS D.W.???...DR
4830 CHINA Shenyang: 1315 CH, W ancr, vocal mx (Johnson 1/28)
4835 SARAWAK RM Kuching: 1253, oriental type mx, quick fade (Nikolich 1/29) 1539 Malay tlk, piano and violin mx, ID 1545, chants after (Johnson 1/20)
*4835 BRAZIL R Nacional de Boa Vista: 1000 Braz mx, PT tlk to 1040 fade; ID is not Rdif Roraima as rptd in Jan LR (Behr 1/10) Thanks for the tip...DR
4840 CHINA PLA: 1233 w/fast CH mx (Nikolich 1/22) 1305 M in tlk (Johnson 1/25)
4845 MOLUCCAS RRI Ambon: 1231 IN, NA in //4719, 4753, 4875; ID, into mx (Klein 1/24) 1322 tlk by M //4753, 4719 (Nikolich 2/7) 1310 RRI nx //4753,4719,4875(Lineback)
4845 BOTSWANA RB: 0355-0430 IS, ID, choral anthem, into tlk in Setswana,(McVicar, Poppin, Lobdell, D'Angelo)
4850 ECUADOR R Luz y Vida: 1110 rel px to 1120, "R Luz y Vida presente" mx (Perdue)
*4850 UZBEK SSR Tashkent: 0213 W "Govorit Tashkent", then M w/"Good Morning, Comrades" and into nx bulletins by M&W (Poppin 1/10)
4850 CHINA RP: Poor w/SRSQRM 2319, M&W in CH tlk(Whitacre 2/2) 1312 CH mx(Nikolich)
4851a ECUADOR R Luz y Vida: SP, ads, ID, "musica Ecuatoriana", nx(Jones) 1/18) 1020-1037 SP M ancr, instr mx(campesino); last rptd in LR-A 7/11, wonder if off the air most of time since then? Stronger than my 4851 last Dec which I still believe was R Centenario..(G Sherman) NOTE Last rpts of Centenario: 12/6 4853 at 1030 GMT; 2/5/78 4854 at 1005, but no def ID...these fm reliable sources. George, can you send me a tape???DR
4860TNF PAKISTAN Karachi: 1243-1315 lang, tent Urdu; subcont mx/songs, tls by W&M, mentioned Pakistan and Karachi; s/off anmts ment Pakistan, Karachi;hrd daily at poor lvl w/hets (Osterman 1/14)
*4865 BRUNEI RB: 1247 Malay, pops, vocals, M w/ID 1300, more mx, F (Johnson 1/25)
4865 BRAZIL R Soc Feira de Santana: 0813-0843 PT, whistles,IDs, pops (McVicar 1/31)
*4875 IRIAN JAYA RRI Sorong: 1200 SCI, M w/nx, then pops(McVicar 2/3)1230 IN ID'Inilah RRI Sorong" (Klein) 1235 IN EZ pops, vocals(Johnson)1310 RRI nx //4753,4719,4845 (Lineback) SCI 1259 on steel guitar, 6 time pips, 1300 nx //4719(Osterman)(Nikolich)
4880 SOUTH AFRICA SABC: 0415 AK, rel pgm, hymn, SA nx 0425, E (Cunningham 1/24)
4885 SUMATRA RRI Bukittinggi: 1547 IN, W in tlk to 1552, ment of Bukittinggi and off at 1554, Fair to Good sigs (Johnson 1/20)
4890 HONDURAS R Lux: 0001-0030 SP, ranchera mx, ID(Perdue 1/25) 0105 M ancr w/IDs,Tcs, between mellow LA ballads, Bee Gees 0139(Cunningham 1/16)0005 ranchera, ID/TC (Kreuger)0119 "En Olanchito, en Radio Lux, la musica de Ayer" (Sheedy 1/16) 0140-0200 Bee Gees, ID 0159"Radio Lux, transmite desde Olanchito, Yoro, Honduras, Centroamerica" (Moritz 1/24) 0056 w/rock mx to 0200* w/no anthem(Lobdell)(Jones)
*4895 TURKMEN SSR Ashkabad: 0000 RS, time signal, into nx by W, F(Kreuer 1/24)
*4895T CHINA Huhhot: 1228 in CH, M vocal mx, possible ID 1231 (Johnson 1/20) This would be Mongolian acc to sked in WRH 79 for Neimengku(Naymunggoo) Inner Mongolia...DR
4895 MOZAMBIQUE Beira: 0355-0415 s/on w/13 note IS,IDs in EG,PT,FR; anthem 0400, 4-note chime, ID by M, into mx pgm; not sure of lang, PT of Vern (McVicar 1/5)
4895 SARAWAK RM Kuching: 1220 lang, lcl instr mx, time pips 1230, ID(Johnson 1/25)

MISSORT: R Centinela del Sur: 0432 SP pop mx, some comedy cuts, full SP ID by M, anthem at 0500*; only hrd Sun eves (Mon AM GMT) (Lobdell 2/5)

73ssssss DAN

log report section B
4900-6199

STEVEN WISEBLOOD

4900 VENEZUELA R. Juventud: 0030-0315 U.S. Rock & LA mx, SP ads (McCants, Smith).
4900 ECUADOR LV de Saquisili: Ecuadorian mx to 1100, ID, then into guitar mx. Seems to ID for both R. Liberatador (MW) & LV de Saq.(SW). No sign of the Venezuelan & not heard in the past few days (Berg 1/11, via TDXN-104).
4904.5 CHAD RNT: *0422-0510 Balafon IS, NA, ID & M in FR w/talk(Toope,Pitts, Nikolich). Measured on 4907.0 at *0458 w/NA, tlk by M in vern., nondescript instrumental mx, drifted down to 4901.0 by 0603 t/out (Sheedy 1/20). Very Interesting, indeed! -ScW
4905 CHINA RP-1 Nanning: 1237 story by M in CH accompanied by CH mx (DW Johnson 1/20).
4905 BRAZIL R. Reloj Nacional: 2346-2348 M in PT w/nx, another M giving the time once every sixty-seconds. Good w/some QRM (R McVicar). Also 3-time pips every minute!-ScW
4910 GUINEA Conakry: 1620 via LP w/local phone call & drums (Sheedy 1/5, TDXN-104).
4910.8 ZAMBIA ZBS: 0348 "Fish Eagle" IS, choral anthem @ 0350, then W in EG w/ID, into talk in lang. Generally Poor (Osterman 1/18).
4915 CHINA Guanxi-1 Nanning: 1555 Marimba classical mx w/orchestral accompanyment, tlk by W in CH, "East Is Red" @ 1558. Good (DW Johnson 1/20).
4915 GHANA GBC Accra: 2240-2302* EG nx & anmts, Afro mx & tlk in vern.(Lineback, Fick). 0602-0610+ EG nx to 0608, ID, followed by audio difficulty, more nx (Poppin 1/24).
4915 BRAZIL Rfif de Macapa: *0902-0905 S/on w/"Choral March" song, opening anmts & ID by M in PT, anmts & Brazilian mx (Tannenwald, Perdue).
4920 ECUADOR R. Quito: 0245-0502* Group singing, into flute w/"Indian Love Call"!, ID at 0501 "R. Quito, La voz de la Capital" (Poppin, Smith). 1110-1135 Ecuadorian mx, ads for "Cafe Lito", "Noticias del Ecuador" @ 1115 & ID (Perdue 1/23).
4920 AUSTRALIA ABC-Brisbane: 0852-0925 EG nx & wx, local TC's(DW Johnson,Klein, Cucura).
4921 PERU Ondas del Titicaca:*1003 s/on with a couple of huaynos, choral anthem, ID by M @ 1012, followed by a bit of nx, and talks in Aymara (McNeil 1/11, TDXN-104)
4925 CHINA Haerbin Heilonjiang: 1242 M&W in CH w/talk, vocal mx (DW Johnson 1/20).
4925 COLOMBIA Em Meridiano 70: 1035 ID, TC, Greetings to listeners, ID's (Jones-MS).
4926 EQUATORIAL GUINEA R. Ecuatorial: 0530-0535 non-stop afro pop mx (McVicar 1/24).
4927 SUMATERA RRI Jambi: 1450 Local vocal mx, "Love Ambon" theme @ 1458, ID by M @ 1500, talk by W in IN. Fair, but a bit on the weak side (DW Johnson 1/28).
4930 TURKMEN SSR Ashkhabad: 0440 M&W in RS w/talk & mx. Mayak IS @ 0459 (Peck-NY)
4932 NIGERIA NBC-Benin: 0453-0602 EG nx, //4990. Good-Vy Good(Sheedy, Novello-NY,Peck).
4934 KENYA VoK: *0300-0330 flute & drum IS, time pips & M in SW w/anmts. Brief prayer, into cmntry,guitar mx w/vocalists, ID by M (Poppin 1/26, Toope 1/4).
4935 PERU R. Tropical-Tarapoto: 1052-1104 Disco & U.S. pop mx, SP ads, anmts, TC's & ID's & jingle (Jones-MS 1/19, R McVicar 2/3).
4939 ECUADOR R. Nac-Quito: 0419-0431* SP anmts by M, ID & nx @ 0429 (Poppin 1/24). *0955 Ecuadorian mx, official s/on seemed 1000 w/IS, NA & ID..... (Perdue 1/25).
4940 KIRGHIZ SSR Frunze: EZ piano mx 0530-0545, chime IS & tlk by W in RS (Klein 1/24).
4940 VENEZUELA R. Yaracuy: 0428 SP talk by M to 0430*, ID. F-P (DW Johnson 1/20).
4940 IVORY COAST Rdf Ivorienne: 0655 talk by M in FR, nx & ID. F-P (Klein 1/16).
4943.9 VIETNAM Hanoi-VOV1: 2243-2310 talk by W in Viet., orchestral & vocal mx, 5-short & one long time pip. Fair (Osterman, Whitacre). 1257 W in Viet. w/talk(Nikolich).
4945 COLOMBIA R. Colosal: 0255-0545 ID's, LA mx, SP ads & nx (Hamilton,Boik,Smith).
4950 SARAWAK RM-Kuching: 1248-1503 CH talk by W, local vocal mx. EG after 1300, Pop vocal mx, Saturday Night Live mx from Aurora Hotel. F-G (Osterman, DW Johnson).
4955 INDONESIA Banda Aceh: Islamic chanting to 1555*. Fair (Sparks 1/7, TDXN-104).
4960 CHINA RP: 1310 Oriental Instrumental mx. Good (Nikolich 1/22). JP pgm -ScW
4964.7 HONDURAS R. Landia: 1130-1300 f/out w/Ranchera & LA pop mx, ads & SP anmts, many ID's & jingles. Excellent some days after Sta. Fe f/out(R McVicar,Nikolich,Lobdell).
4965 COLOMBIA R. Sta Fe: 0259 LA mx (Smith). 0920 LA mx, ID's & SP anmts (Tannenwald).
4970 SABAH RM-Kota Kinabalu: 1421 Malay talk by M & U.S. rock mx. Fair-G (DW Johnson).
4970 VENEZUELA R. Rumbos: 0230 LA mx (Smith).
4972.5 CAMEROUN Yaounde: 2157 Afro vocals, FR nx 2203, & some EG nx //4750;2207*(Osterman)
4980 CHINA Wuhan: 1438 W in CH, oriental style vocal mx. Fair copy (DW Johnson 1/28).
4980 SWAZILAND SCR: 0403 ID's, EG ads, Soul & Rock mx. Poor (Lobdell-MA 2/6).
4980 VENEZUELA 0430-0440 ID's by M, vocal theme similar to Indian Love Call (Poppin).
4980 ECUADOR Ondas Azuayas: 0420-0524*Fair after the Venezuelan s/off w/ID's for SW, AM & FR frequencies. "Musica Ecuatoriana" pgm w/ID's after almost every song. Big het from around 0440, presumed Ghana (McNeil, Berg, Sparks, all via TDXN-104).
4985 BRAZIL R. Brasil Central: 0440 Brazilian Basa-Nova mx, pop mx & ID's(DW Johnson).

4990 CHINA Changsha: 1248 W vocalist, W in CH w/anmts, orchestral mx (DW Johnson 1/20).
4990 NIGERIA NBC Lagos: 2230-2245 EG anmts & Classical orchestral mx, F (Lineback 1/24). 0355-0420 EG nx, ID's, latest pop mx, Drum IS @ 0430, talk by M(DW Johnson, Klein).
4990 SOUTH AFRICA R. RSA: 0300-0405 "Good Morning Africa" EG pgm (6 reporters). .(1/21/
4995 CHAD N'Jamena: 2234 M in FR w/talk, Balafon IS, Afro mx. Good Modulation(Osterman/
4995 PERU R. Andina: 1030-1042 Peruvian guitar, flute mx, Andean vocals(Lobdell,Jones-MS).
4998 CENTRAL AFRICAN REPUBLIC Bangui: 0457 FR talk and Afro high life mx, lousy modulation as usual! (Osterman 1/24). Also heard at 2132 on 5002.5 on 1/24 (Osterman).
5000 SOUTH AFRICA ZUO: 2315 CW ID's & TC's (R McVicar 1/31).
5000 GREAT BRITAIN MSF: 0520-0540 CW ID's every 10 minutes, //10000 weaker (Alexander).
5003 CENTRAL AFRICAN REPUBLIC Bangui: 2158-2300* Afro mx, FR talk, NA(Lineback,Matthews).
5005 NEPAL RN: 1223 Hindu folk mx and tlk b M in apparent Nepali (Peck_NY 1/9).
5005 SARAWAK RM Sibu: 1340 Iban talk by M, chanting, Hawaiian guitar mx, ID (DW Johnson).
5005 CENTRAL AFRICAN REPUBLIC Bangui: 2158-2300* FR talk by M, ID, terrible modulation - even worse than the VOV! (Osterman 1/22, R McVicar 2/1).
5007.5 CENTRAL AFRICAN REPUBLIC Bangui: 0505-0508 FR talk, Q'uran reading (Sheedy,Osterman)
5010 SINGAPORE RS: Here on 2/2 with a Fair signal //5052, tho this was stronger, pop & instrumental mx 2300+, M ancr in EG, ID @ 2307 (Whitacre). 1525 EZ vocal mx, W ancr in EG, time pips at 1530 followed by world developments. Fair-Good (DW Johnson 1/20).
5010 COLOMBIA R. Surocolombiana: 0330-0440 LA mx & ID's - "R. Super" & "Surcolombiana", //5040 w/same Caracol pgm (R Miller Sr-WV, Lineback). 1010 fast guitar mx (Klein).
5010 CAMEROUN R. Garoua: 2130-2140 African mx, chants w/drums, some AR mx (P 2/4). *0428-0626 IS, ID in EG & FR, NA, Koran readings, flute & drum mx, Afro vocal mx, into National Service at 0500, //4750,4850 w/nx in FR & EG (8 reporters).
5010 MALAGASY Tananarive: 0433 M in lang w/prayer chant, cmntry by M in lang, followed by hollow drum sound, chant by M followed by various pitches of a hollow frum. 0512 FR nx by M, followed by EG cmntry about Cambodia, Vietnam..., ID at 0520 "from R. Tananarive", followed by drum sounds & chants (Poppin 1/12). I suspect Cameroun -ScW
5015 ASIATIC SSR Vladivostock: 1300-1310 ID as "Govorit ....Vladivostock" repeated by M & W, EZ listening instrumental mx, anmts in RS by M&W (Lineback, Klein).
5020 CHINA Nanchang: 1253 W in CH, CH vocal & instrumental mx (DW Johnson 1/20).
5020 SOLOMONS SIBC: 0818-1131* EG nx by M, TC's, Island & pop mx, NA(Perdue,Cucura,/
5020 NIGER ORTN: 0600-0629* FR talk by M, pop mx, ID (Cucura, Nikolich). (Osterman/
5020 COLOMBIA Ecos del Atrato: 0310 LA mx, SP ant s & ID's (Alexander). 1010-1036 EZ mx, SP ads, ID's, NA at 1033 & opening anmts, Campo mx (Jones-MS, Cunningham, /
5025 BRAZIL R. Borborema: 0300-0407 EZ mx, PT talk (Alexander,Cucura,Lobdell) .(McVicar/
5030 VENEZUELA R.Continente: 0430 LA mx & ID's(Byron-NY). *0859 NA, ID, freqs, pgm for Campesinos, ID as "R. Continente" (Jones-MS 2/8).
5030 SARAWAK RM Kuching: 1205-1431 Tlk by M&W in Bidayah, anmts, EZ mx(Poppin,DW Johnson)
5035 KAZAKH SSR Alma Ata: *1230-1312 IS, opening anmts in RS, nx by M&W(Nikolich,Lineb'k)
5035 COLOMBIA La Voz de Caqueta: In for its anual appearance, usual low audio level w/SP anmts, ID's & TC's (McNeil 1/10 via TDXN-104).
5040 VENEZUELA R. Maturin: 2255 LA mx, SP anmts & ID's (Alexander 129). *0911 MA, march mx at s/on, M in SP w/calls, freqs, power, etc., into SP nx. Good (Klein 1/8).
5040 COLOMBIA R. Cinco: 0553 LA vocal mx w/M ancr in SP, "Caracol de Colombia" ID's. Fair-G (DW Johnson). 0857"Emissora Caracol, R. Cinco", variety mx (Jones-MS).
5045 COOK ISLANDS RCI-Rarotonga: 0525-0830* EG ID, vocal & instrumental Polynesian mx, R. Australia "Waltzing Matilda" IS, into RA nx in EG. 0545 into "The World Tomorrow" w/Garner Ted Armstrong, Occasional Maori anmts. GSTQ @ 0830*(Pitts, Poppin,Howard-CA/
5045 BRAZIL R. Cult do Para: 0920-0945 LA pop mx & PT anmts, many TC's & .(DW Johnson,/ ID's. Good (Klein, Cunningham).
5045 ECUADOR Ondas Canaris: 1116 Ecuadorian mx, positive ID, possible short devotional pgm, finally got an ID after several weeks effort! (Jones-MS 1/11). Good Work!!!-ScW
5047 TOGO RT: 2214-2250 FR anmts, Afro pop mx, tlk by W in FR (Klein, Earhart-PA).
5050 PERU R. Loreto: 0630 SP anmts & folk mx(Alexander).*1055-1115 M in SP w/ID's, freq., etc., guitar mx, "Peruano" mentioned several times (R McVicar 2/3).
5057 ALBANIA R. Gjirokaster: EZ & folk mx, Indian flavoured mx, usual inspiring "Good Morning"pgm of kids chorus mx & tlks in Albanian (Sheedy, Toope, Nikolich, Klein),
5060 USSR UnID station w/Mayak pgm, noted while tuning by at 2030 (Berg 1/15,via TDXN).
5061 ECUADOR R. Progreso: 0115 SP talk & Ecuadorian mx (Alexander 2/4). 0625 SP talk, strong, but hideously overmodulated & barely understandable, Shame! (Klein 1/13). 1139 ID as R. Progreso, Ecuadorian mx, some QRM de TIFC (Jones-MS).
5065t COLOMBIA Ecos del Combiema: Possibly the one here on the 14th & 15th of Jan, at 0700+ in SP. Very distorted signals (Hywarren). Sure not Progresso, overmodulated? -ScW
5065 KARELIAN SSR R. Petrozavodsk: 0605 M&W i RS w/talk, folk mx (Peck-NY 1/8).
5075 COLOMBIA R. Sutatenza: 0253-0303 M in SP w/nx, enthusiastic ancr (McCants 1/19).
5075 CHINA RP: 1432-1530 beautiful symphonic mx, CH vocals by W (Poppin 1/28).
5145 CHINA RP: 1140 M in gutteral sounding voice w/RS talk (Earhart). 1420 Two men w/ talk in MG, CH instrumental mx. Good (DW Johnson).
5163 CHINA RP: 1151 W in CH w/talk, then M w/talk. Good w/het (Earhart_PA).
5170 CHINA FFBS-2: 1150-1200 W in CH w/talk, some CH folk mx (Peck-NY, Krueger).

5240 CHINA FFBS-1: 1310 Vocal CH mx, W ancr in CH, piano mx //5265. F-G (DW Johnson 1/20)
5265 CHINA FFBS-1: 1130 M & W in CH w/talk, //5240 (Koelble 1/20).
5320 CHINA RP-1: 1025 CH folk mx w/W alternately singing & talking (Peck-NY 1/18).
5641h HAITI R. Familia: W ancr in FR, pop mx, 30 second NA, possible ID as R.Familia which makes this the 4th harmonic of 1410.25, Xlnt (Krueger 1/19).
5877 UNID AR folk mx w/alternate M & W chorus w/strings, flute & drums, into a dialogue between M & W in AR. Very Good (Peck-NY).
5880 CHINA RP: Stumbled over CH talk by W at 2300 while looking for Rivadavia(Cunningham)
5882 ARGENTINA R. Rivadavia: 0234-0330 SP live sports coverage. Vy G (Brouillette 12/31).
5900 CHINA FFBS-2: 1050 CH talk & mx, //5265, 5240 (Alexander 1/14).
5930 CZECHOSLOVAKIA R. Prague: 2015 program of International mx during EG pgm (Stauner). 0310-0325 EG talk and a lot of mx, some QRM (Boik).
5940 CUBA R. Habana: *1055 IS & ID, found here w/FR pgm instead of on usual 6060, though on 1/23 returned to normal. Likely a technical goof-off on 1/22 (Jones-MS).
5940 EUROPEAN SSR RM: EG to ENAm 2300-0400*, "Moscow Review" & EG cmntry (4 reporters).
5945 AUSTRIA ORF: EG nx, Alpine balloon competition, mushroom recipe (Hartsell 1/14).
5950 NICARAGUA R. Nac: 0925 M in SP, //5900 (Johns 1/25). On intermittently, now -ScW
5950 CHINA Haerbin Heilongjiang: 0830 "East is Red" mx, tlk by W in CH (DW Johnson).
5955 COLOMBIA LV de los Centauros: *0946 ID, call, freqs, NA, into Campo mx (Jones-MS).
5960 CANADA RCI: *0400-0425* EG nx, cmnty, pgm of Carillon & brass mx (McCants).
5965 GREAT BRITAIN Daventry-RCI relay: 0315 IS, ID, into RS pgm w/ M ancr (Klein 1/15).
5970 DOMINICAN REPUBLIC RTVD: 1145 LA mx & SP talk, //9505, many ID's (Zilmer 1/19),
5975 GREAT BRITAIN BBC: 2245-2250 EG,"Sports Call" (Mears 1/28).
5980t MALTA RM: 2103 M & W in EG, tentative ID, I'll keep checking this one (Nikolich).
5980 GREENLAND Grønlands Radio: IS on celesta, u/QRM from KGEI's CH svce (Peck-NY 1/18).
5980 SOUTH AFRICA R. RSA: *0256-0300+ IS & ID, EG world nx (Kissane, Zilmer)
5980nf LIBYA PRBC: *0600 AR pgm w/ID to 0800*, //5960 Malta-Cyclops relay (Behr 1/13).
5985 U.S.A. WYFR: 0130-0155 EG bible reading, counseling & consumer info (McCants 2/2).
5985 BURMA BBS: 1447-1501 EG nx, ID, pgm of 50's rock mx. bad het (Pitts, Clark).
5990 ROMANIA R. Bucharest: 0210-0225 EG talk on the economy, etc. (Byron-NY, Koelble).
5995 MALI RNdM: 0708 Tlk in vern w/,any names, mntns of Bamako, lcl mx (Clark 1/13).
5995 AUSTRALIA RA-Lyndhurst: 0920-1535 M in EG w/nx, pop mx (DW Johnson, Alexander,/
6000 HUNGARY R. Budapest: 0213 EG cmnty, mx requests (Yajko 1/13). .(Kissane/
6000 BRAZIL R. Inconfidencia: 0856 PT ads, Brazilian mx, freqs, ID's (Jones-MS).
6005 AUSTRALIA RA-Carnarvon: 1631 M ancr, EZ pop mx (DW Johnson 1/20).
6005 CANADA CFCX: 1225-1238 EG nx, wx and sports, ID, TC, traffic rpt, ads (Cucura 1/24).
6010 ITALY RAI: *0100-0120* chime IS, EG ID & nx (Boik, McCants).
6010 VENEZUELA R. Los Andes: 1115 LA mx, ID's as "Mil Cuarenta", het (Klein 1/10).
6015 VATICAN CITY VR: *0100-0115* bell IS, EG world nx (Boik).
6015 DODACANESE ISLANDS VOA-relay: 2150-2200* M in AR w/talk, ID & IS (D'Angelo 2/4).
6020 PERU R Victoria: 1040-1058 ID's, TC's, devotional pgm & Peruvian mx(Klein,Jones-MS).
6025 UZBEKISTAN R. Tashkent: *1200 IS, "Tashkent Calling" ID, EG nx pgm (Klein 1/10).
6025 PORTUGAL RP: 0300-0330 EG xmntry & folk mx, ID (Alexander, Kissane). 0500-0530* EG nx & DX pgm to s/off (Boik, Swanson).
6030 WEST GERMANY Suddeutcher Rundfunk--Stuttgart: 2244-2305 M&W ancrs in GM, pop & folk mx, gong at 2300, then M in GM w/nx. Gd-Vy Gd after BBC off @ 2245 (R McVicar 2/1).
6035 BOLIVIA R. Panamericana: 1035 "Buenos diad Bolivia", ID, flute/guitar mx(Jones-MS).
6045 SWITZERLAND SRI: 0430-0500 "Dateline", "Swiss Merry Go-Round"(Boik,Hynes,Swanson).
6045 AUSTRALIA RA: 0940 M ancr w/national top-20 hit mx, EG nx @ 1000 (DW Johnson 1/7).
6065 SPAIN SFR: 0605 EG "Mailbag" w/tourism info in Spain, SP mx (Alexander 2/4).
6075 ECUADOR HCJB: 1140-1145 "Hello DXers" w/Clayton Howard during JP pgm (Zilmer 1/23).
6080 CANADA CKFX-Vancouver: 1935-1955 C&W mx, ads & ID as "CKWX" (Pitts- 2/5). 0830 PSA's, Calendar, C&W mx, EG ads. Fair & fading (Rubin 2/9). 0858 Time tone, Canadian nx, C&W mx & ID's for CKWX (Clark). 0900-0915 Inaudible, just heard snatches of an ancr in EG & C&W tunes, so I called up the stn and talked to DJ Barry Kaye, who put me on the air for 15 minutes and confirmed my report.... I had recognized two C&W tunes! I've tried for this stn for 8 years & was shocked to hear it! 10 watts!! (Nikolich-IL)
6080 BELGIUM BRT: 0015-0045 EG nx & cmnty, "Brussels Calling"(Hynes,Boik,Reynolds,Earhart)
6085 COLOMBIA Ondas del Darien: *0850 mx until ID, calls & freq @ 0853, NA (Jones-MS 1/17)
6089.6 ARGENTINA R. Belgrano: 0230 Argentinian folk mx & ID to 0301* (Behr 1/24).
6090 LUXEMBOURG RL: 0015-0035 EG pop mx (Boik). 0716-0744 GM ancr, ads & mx (Howard-CA).
6090 AUSTRALIA RA: 0807-1202 EG talk, TC's & ID's, Aussie nx (Clark, Valko).
6095 POLAND Polish R: 2030 EG nx (Toope).*0200-0317 Classical mx, ID & IS (Yajko,Peck-NY).
6100 MALTA DW-relay: *0530-0550* EG nx & cmntry (Tomkewich).
6105 NEW ZEALAND RNZ: 0947-0952 M&W in EG w/talk about education, EZ mx (Cucura 1/25).
6105 HUNGARY R. Budapest: 0300 EG nx //6000, 9585 (Zilmer 2/3).
6105 MEXICO Su Pantera: 1245-1255 SP nx about the Pope's visit. Fair (Lineback 1/27).
6120 CANADA BBC-Sackville: 0040-0048 EG pgm,"talk about Britain", pop mx (Schmidt-WI).
6120 VENEZUELA R. Angostura: *0941 NA, ID, calls, freqs, into LA mx (Jones-MS).
6135 SWITZERLAND Bern-SRI: *0145-0215 EG here daily w/30 minute pgm (Boik).
6135 CHILE R. Univ de Concepcion: 1010 ID & SP nx. Good (Jones-MS 1/11).

6140 GREECE VOG: *0630 IS & Greek pgm, some QRM (Behr 1/28)
6145t ALGERIA Algiers: 0805 M in AR w/talk, beautiful flute mx , tlk by M&W (Klein 2/1).
6150 COLOMBIA LV del Huila: 0210-0220 SP vocals & ID. Fair (Lineback 1/14). 1050 SP anmts & ID. Good (Tannenwald 1/28).
6155 ROMANIA R. Bucharest: 0130 EG nx & cmntry //9570, Austrian QRM (Zilmer 2/3).
6155 AUSTRIA AR: 0130-0155* EG talk on skiiung w/alpine mx (Boik). 0530-0557 selection of Strauss waltzes until IS at 0557, into GM pgm @ 0600 (Alexander, Byron-NY). 0830 EG DX pgm following Vienna waltzes (Stauner 1/8).
6156 HAITI R. Citadelle: *0930 full ID, calls, brief devotional, into Creole talk, het! (Klein 1/8). 1158 M&W w/talk in FR, fading badly by 1200 (Valko 1/12).
6160 NEW FOUNDLAND CKZN: 0930-1147 EG nx from CBC, sports, ID, talk & TC's, lcl wx & pop mx. (Cunningham, Behr, Valko, Klein).
6160 CANADA CKZU-Vancouver: 0231 M&W w/nx "Update" pgm, CBC Radio ID. F-G (DW Johnson 1/20
6160 COLOMBIA Emis Nueva Granada: 0932 LA mx, SP ads, ID's and M ancc (DW Johnson 1/7).
6170 VENEZUELA R. Nacional:*1000-1045 NA, ID by M, s/on anmts, ID's, TC's, SP talk, "Discoteeque Mundial", LA mx (Tannenwald, Jones-MS, McKinney, R McVicar).
6174 OMAN R. Oman_ Muscat: 1450 solo islamic prayers by M, ID at 1500 (DW Johhson 1/25).
6175 PERU R. Tawantinsuyu:*1001-1048 s/on w/W in SP w/ID & freqs, march mx, then M in SP w/opening anmts; pgm of band mx -some w/Andean flavour (R McVicar, Klein).
6185t MEXICO R. Educacion: 0330 SP nx, SP talks & pop mx 0400-0703* (Behr, 1/25 only).
6185 LIBYA Tripoli: *0400-0520 AR vocalists & strings, AR talk & ID (DW Johnson,Earhart).
6190 WEST GERMANY SFB/Bremen: 0643-0830 GM talk, ID by W, GM nx & 0700, pop mx & many ads, closing ID for SFB @ 0759, then M w/R. Bremen ID(R McVicar, Klein, Behr, Lobdell)
6190 VENEZUELA Ecos del Torbes: 1130 SP nx, //4980. Good (Zilmer 1/18).
6190 ASIATIC SSR Nikolaevsk: 0710 Radiostansya Tikhiy Okean pgm w/organ IS, & talk in RS, seemingly a political talk (Clark 2/7).
6195 CANADA CBC Northern Service: 0145-0202 "Gilmour's Albums" pgm w/jazz mx(Brouillette).
Gotta rush to get this mailed off today, so 73's de Steve

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log report section C

MARCH 1979

6200-11699

TOM GAVARAS
16920 17th Ave. N. Wayzata, MN 55391
** 612-473-4515 **

RADIO EXTERIOR DE ESPAÑA

LOGGINGS FOR THE NASWA LOG REPORT SECTIONS SHOULD BE SENT TO OUR DISTRIBUTION EDITOR (NOTE NEW ADDRESS):::::
DAVE WALCUTT, 1521 RUTLAND #7, HOUSTON, TEXAS 77008.

Pacific radio stations seem to be the biggest news with reports of Radio Liberation and the Voice of Venus. Other interesting reports are of VOV Saigon, V. of the People of Kampuchea, V. of Revolutionary Ethiopia, etc.....

5641 HAITI (CF previous report); I believe the 1979 WRTVH resolves the contradiction on what this is. On 1410 (cf which this is 4th harmonic) is listed La Voix du Nord-Quest, 200 watt station in Port-de-Paix. Heard here 1/31 0100 with French talk & music, but no ID heard, thanks to tip from Derek Lowe. Apparently off by 0200 (Hauser).
6205 LIBYA PRB (Mebo II Presumed); 0530 Arabic talk and Koran chants (Earhart 1/20).
6205 USSR R. Peace & Progress; 0000-0030 Russian talk with U.S. type music (Fraser 1/21).
6210 VATICAN STATE Vatican Radio; 0055 English w/IS, ID & Religious cmntry//11845,9605(Cress)
6215 ANDORRA R. Andorra; 2100-2300 Catalan home service w/ads and music (Wood 12/31).
6220 USA MINNESOTA V. of Voyager WDØAYM; v0334-0602* English with Fine Farts Radio, Pop music, Greetings to friends: Nancy, Mike & John (Williams 1/14, Peck 1/14, Sheedy 1/14, Miller 1/7). ..
6225 CHINA R. Peking; 2300 Chinese music and ID//5881.5 (Wood 1/1).
6320 CHINA R. Peking; 2000 French s/on with talk and music (Wood 1/4).
6250 EQUATORIAL GUINEA R. Malabo; 0535-0611 Spanish talk and high-life Arfican music. Mentions of Malabo. (Novello 1/25, Sheedy 1/16, Toope 12/26).
6345 CHINA R. Peking; 2030 Portugese political talk program (Wood 1/4).
6400 KOREA (NORTH) R. Pyongyang; Korean talking //6250 (Wood 12/31) Time?? (tgg)
6540 CHINA R. Peking; 2030 Italian s/on "Qui R. Pechino." (Wood 1/4).
6550 LEBANON V. of Lebanon; 0445+ Music Box IS, River Kwai march, anthem, program of light music with talking in Arabic (Hywarren 1/30, McVicar 1/9, Osterman 1/21).
6560 CHINA R. Peking; 2030 French s/on with "Ici Pekin." //6320 (Wood 1/4).
6576 KOREA (NORTH) R. Pyongyang; 2035 Korean musical program (Wood 1/4).
6935 CHINA R. Peking; 2055 Portugese program w/sign off and harp music (Wood 1/4).
6990 USA (PIRATE) Voice of Venus; per call from them tuned into very poor signal here on LSB at 1930 s/on. Announcements barely audible (Whitacre 1/27).
7000 HUNGARY R. Budapest; 2030-2055 German interviews. New out-of-band freq (Wood 1/4).
7001 ANGOLA R. Nacional; Checking out report from Aaron Hywarren, Portugese political talk heard 0455, 0500 mentioned provincia do Bie, African music//9535 and 11955, so is RNA as IDed at 0506; believed mentioned freqs, but not caught. Question is: what city emanates this freq? (Hauser 1/4). -Lobito?? (tgg).
7010 CHINA R. Peking; 2055 German talking into s/off (Wood 1/4).
7025 CHINA PLA; 1148-1200* Chinese talking and music (Earhart 1/23).
7080 VIETNAM VOV (Bac Thai); 1608 Language talk with mentions of Vietnam (D.W.Johnson 1/28)
7105 MONACO TWR; 0734-0900 English Bible Readings, "Back to Bible", etc (Toope, Gunnum).
7105 USSR R. Moscow; 0230 Spanish pgm & ID (Peck). 2259 English news & cmntry (Ponder).
7110 MALI R. Mali; 0840 French political talk with HAM QRM! (Wood 12/16).
7115 BULGARIA R. Sofia; 0430 English news & DX pgm (Boik). 0515 Greek talk and Bulgarian folk music (Peck 1/14). 2136 English program on Cultural Life (Schmidt 1/27).
7115 USSR (or Bulgaria) R. Moscow; 2236 English World Service (Ponder). 0328 News and Russian accordian music (Marshall 12/31). Language??? (tgg).
7120 ALBANIA R. Tirana; 0130 English talk on American imperialism & on Iran (Koelble).
7139 INDONESIA RRI (Ambon); 1254 talk by lady under ARO QRM (Nikolich 1/22) language???(tgg)
7140 CYPRUS BBC; *2355 IS & English ID (Cress). 0300 English World Service (Wood).
7150 USSR R. Kiev; 0033 English news, cmntry, music, sports quiz, etc. (Ponder 1/12).
7150 USSR R. Moscow; 0512 English cmntry on Israel raid into Lebanon (Swanson 1/19).
7170 NEW CALEDONIA R. Noumea; 0708-0853 French talk & Beatles mx (Peck,DW.Johnson,Nikolich).
7170 TURKEY VOT; *2130 English s/on into news program (Yajko 1/21).
7185 GERMANY (EAST) RBI; 0125 German talk and pop type music (Novello 1/14).
7190 USSR R. Moscow; 0230 EG News & mx (Marshall). 0600 EG Interview w/Angela Davis (Marshall)

7200 USSR MAYAK; 1145 Russian with uninterrupted music & IS (Klein 1/8).
7215 GUINEA REPUBLIC RDF Nationale; 0643 French talk, ID & Afro music (D.W.Johnson 1/16)
7215 IVORY COAST RTVI; 2244-2300 French talking, play & local music (Poulos, George).
7215 USSR R. Kiev; *0030-0100* English nx, "People & Communism," etc (Fraser, McCants).
7215 USSR R. Vilnius; *2300 English news, commentary & local mx (Earhart,Williams,Klein).
7240 AUSTRALIA R. Australia (Carnarvon); 1611 English w/Australian news (D.W.Johnson 1/20).
7255 NIGERIA VON (Lagos); 0559-0700+ IS, ID, "Africa This Week"(Tomkewich,Toope,Boik,Johnson)
7270 GREECE VOA (Kavala); 0540 English with Breakfast Show program (Klein 1/13).
7270 SOUTH AFRICA RSA; 0300 English news to E. Africa//11900,9585,5980,4990 (Zilmer 2/3).
7305 CHINA R. Peking; 2300-2310 Chinese music & talking. Moscow HS QRM (Wood 1/6).
7320 USSR R. Kiev; 0300 English news & mailbag program (Williams 1/27).
7320 USSR R. Magadan; 2145 ID "Govorit Magadan"; Russian tlk & mx//7265 (Behr 1/13).
7345 CZECHOSLOVAKIA R. Prague; *0100 EG nx (Tomkewich,Boik,Fraser). 0300 EG Mailbag(Hartsell)
7412 USA V. of Venus; 0230 LSB s/on to 0500* with much better sig w/2 anncrs(Whitacre 1/27)
7412 ISRAEL IBA; 2234 English news and music program (Woltman 1/13).
7420 CHINA R. Peking; 1202 English talk about Pakistan & Vietnam (Earhart 1/23).
7425 USA R. Liberation; *0225 Musical Box IS (tinckle,tinckle,tinckle), ID by man "From thearid marshlands to the --- of Putrid, Louisiana, this is Radio Liberation, the Voice of the amplitude modulation liberation army, broadcasting on the frequency of 7425 kHz in the 41 meter free international broadcasting band." National Anthem by Jimi Hendrix into acid rock to song by Queen: We Will Rock You/We are the Champions. Sounded like 3rd rate recording of concert. Poor audio. More acid rock & repeat of ID. Looks like Voyager all over again (Klein 2/12). EG ID, music from Ted Nugent, Alan Parsons, Rolling Stones, etc. Also gave takeoff comtry on NASWA (BARFWA). IDed in SP/FR/EG with mentions of Voice of Voyageur. 0228 s/off with East is Red. At fairly good lever and good audio. Assume is the same operation as Voice of the Viking, randomly reported the past months on the same frequency. (Krueger 1/31).
7440 USSR R. Moscow; 0240 EG Facts about Russia (Gunnum). 2230+ EG News (Mears,Marshall).
7490 USA Voice of Venus; Call from Voice of Venus again on 2/1 yielded the following: anncr. Tom and Scott are friends of Mike Martin (Voyageur) who is now off to college and thus the silence of Voyager. These guys have about 170 watts PEP on SSB and 1 KW amp on hand. Both have advanced ham tickets and are obviously from the Minnesota area. Anyway, heard them on this date 0316 s/on with big signals in LSB and latter USB with pops - theme is "Life's Been Good" by Joe Walsh. Looks like there's quite a bit of activity up in the frozen north these days and I'll bet the epidemic will spread. (Whitacre). -Very interesting!!!!! (tgg)--
7500 AUSTRALIA VNG Time Station; 1030 Time pips and EG ID "This is VNG..."(Peck 1/18).
7550 KOREA (SOUTH) R. Korea; 2306+ English news & magazine pgm (Miller, Lobdell).
7780 CHINA R. Peking; 1750 Russian talking with jamming (Wood 1/1).
8000t JAPAN JJY Time Station; 0805 Time pips, etc. No announcements heard (Peck 1/26).
8235 NUMBER STATIONS; 0613 Spanish with usual series of 5 numbers by woman(Cunningham 1/14).
9022 IRAN VOI; 2000 English news and reports on demonstrations (Camillo 1/9).
9340 CHINA R. Peking; *0000 Russian ID and news program. Fair signal (Simaschko 1/31).
9360 SPAIN REE; 0203 Spanish talk with flamenco guitar music (Brouillette 1/15).
9365 CHINA R. Peking; 1800 Farsi s/on "Inja Pekan" with news program (Wood 1/1).
9390 CHINA R. Peking; 1740 Russian talk with jamming by distorted MAYAK (Wood 1/1).
9420 KOREA (NORTH) R. Pyongyang; 1155 Spanish tlk (Earhart). 1730 French tlk (Wood).
9423 CLANDESTINE V. of People of Thailand; *1200 Chime IS & talk in lang (Valko 1/23).
9435 ISRAEL IBA; 0450 Spanish news program (Zilmer 2/4).
9440 CHINA R. Peking; 1740 Chinese political talk program//9880 (Wood 1/1).
9445 ISRAEL IBA; 0450 Hebrew home service program with talk and music (Zilmer 2/4).
9460v PAKISTAN R. Pakistan; 1740 Farsi pgm (Wood). 2019 Urdu news & tlk (Yajko).
9470 USSR R. Minsk; *1800 IS, Russian ID "Govorit Minsk" music and talk (Novello 1/9).
9475 EGYPT R. Cairo; 0220-0326 English news, cmntry and local mx (Dieckmann, Kissane).
9490 USSR R. Magallanes; 0200 IS, Spanish ID, News, mx//12020, 9640, etc. (Alexander).
9500 ALBANIA R. Tirana; 2235 French talking and identification (Radclidd 1/24).
9505 JAPAN R. Japan; 0700 EG News (Tomkewich). 1300 EG tlk (Yajko). 1800 EG nx (Wood).
9505 AUSTRALIA R. Australia (Shepparton); 1800 ID, news with some jamming (Wood).
9515 GREECE VOG; 0320-0351* Greek talking and music (Peck 1/20, Kissane 1/23).
9515 TURKEY VOT; 2215+ English news & DX pgm (Earhart,McKinney). 0508 TK tlk (Johnson).
9540 CZECHOSLOVAKIA R. Prague; 0145 English mailbag program and ID (Alexander 2/3).
9540 USSR R. Tashkent; 1215 English Panorama (Fraser). 1400 EG Tashkent Calling (Wood).
9550 CHINA R. Peking; 1800 Russian s/on with "Govorit Pekin" and news (Wood 1/1).
9550 NORWAY R. Norway; *0255 Norwegian with IS into news program (Alexander 1/21).
9560 JORDAN R. Jordan; 1730* English with s/off (Berezowski 1/25).
9560 SOUTH AFRICA SABC; 2110 Afrikaanse Diens, wx for S. Africa & relig pgm (Wood 12/22).
9560 SWITZERLAND SRI; 0700 English with news and cmntry (McKinney)
9565 FINLAND R. Finland; 2300 Finnish news over RFE and jammer (Wood 12/22).
9570 AUSTRALIA R. Australia (Shepparton); 1655 English ID and News (Krueger 1/18).
9570t QATAR QBS; 1335 Arabic chanting and music (Radcliffe 1/10).

9570 ROMANIA R. Bucharest; *0130 IS, English news, etc. (Alexander 2/3).
9575 ITALY RAI; 0100 EG News & mx (Williams). *0140 IS, Italian news (Alexander).
9575 USSR R. Moscow; 0500 News, facts and figures (Marshall 1/12).
9580 AUSTRALIA R. Australia (Shepparton); 1100 EG News and mailbag (Davenport, Fraser, Mann). *1800 ID and English news program (Wood).
9585 JAPAN R. Japan; *1800 English news and General Service (Wood 1/1).
9585 SOMALIA R. Mogadishu; 0746 Afar tlk & mx (Johnson). 1950-2058* Lang tlk & ID (Perdue)
9585 SOUTH AFRICA RSA; 0200 English news program (Mears 1/4).
9590 NETHERLAND ANTILLES R. Nederland; *0230 English news (Gunnum,Williams,Fraser).
9590 NORWAY R. Norway; 2200 English news and "The Vikings Program" (McCants 1/14).
9595 JAPAN R. Japan; 0815 Japanese play (Peck). 1205 EG nx (Simaschko). 1530 EG tlk(Jordan)
9600 MEXICO XEUN; 1300-2022+ Spanish talk and guitar music (Bishop 1/9, Krueger).
9600 UZBEK SSR R. Tashkent; 1200 English news (Simaschko,Earhart). 1400 EG nx (Williams).
9605 JAPAN R. Japan; 1800 s/on with German pgm to Europe (Wood 1/1).
9605 VATICAN STATE Vatican Radio; 0100 English news on Pope in Mexico (Earhart,Kissane).
9610 AUSTRALIA ABC (Perth); 1435+ EG News, ID & interview w/Johnny Mathas(Kissane,Koelble).
9610a MONACO TWR; 0705 Test Transmission w/English ID & organ music (Byron 1/3).
9610 SOUTH AFRICA RSA; *0200 English news, mailbag, etc. (Davenport,Fraser,Gunnum).
9615 ETHIOPIA V. of Rev Ethiopia; 1459 talk in lang, IS and ID at 1500 as "You are tuned to the External Service of the Voice of Rev. Ethiopia...." into program review. Very good signals (Hywarren).
9620 YUGOSLAVIA R. Yugoslavia; 2204 English talk on Vietnam/Cambodia conflict (Yacono).
9623.2 VIETNAM VOV (Saigon); 1500 Vietnamese talk and music to 1528*; fair sig (Behr 1/29).
9625 CANADA CBCNS; 2200 English news program (Gunnum 1/1).
9630 SPAIN REE; 0005-0130 English news, DX program, cmntry (Mears,Reynolds,Kissane). 0605 English with DX Program and music (Woltman 1/29).
9640 KOREA (SOUTH) R. Korea; 1620 English review of Korea (Kissane 1/21).
9645 COSTA RICA TIFC; 0155 Spanish with Easy listening music (Alexander 2/2).
9650 GUINEA REPUBLIC RDF Nationale; 2027 French talking and IDs (Valko 1/21).
9655 COLOMBIA R. Nacional; 0200+ Spanish ID, talk & music (Alexander, Johnson).
9660 AUSTRALIA ABC (Brisbane); 0830 English with a program of Classical mx (George 1/26).
9665 PORTUGAL AWR; 0930 English with World DX Club program (Camillo 1/7).
9665 TURKEY VOT; 2215 English letterbox pgm and Turkish music (Mears 1/13).
9670 AUSTRALIA R. Australia (Shepparton); 0830+ English news & pop mx (Tomkewich,McKinney
9680 AUSTRALIA ABC (Melbourne); 0800 English world news and commentary(Tomkewich)& Johnson)
9680 SOUTH AFRICA SABC; 2120 English religious program w/jamming QRM (Wood 12/22).
9685 SAUDI ARABIA BSKSA (Jeddah); 0452 Arabic vocal music & talk w/ID (Johnson 1/20).
9690 ARGENTINA RAE; 0300+ English talk about microwaves (Williams,Gunnum,Kissane).
9690 SWEDEN R. Sweden; 2300+ English talking & usual pgms (Earhart, Johnson).
9690nf USA WYFR; 2140 English religious program and ID (Earhart 1/16).
9695 SWEDEN R. Sweden; *0230-0300* English News, Panorama & ID (Johnson, Kissane).
9705 BULGARIA R. Sofia; *0000 English news & mailbag (Boik,Poulos,Earhart).
9705 INDIA AIR; 1135-1140* English state & development nx//11855,11725 (Zilmer 1/30).
9705 MEXICO R. Mexico; 0250 Spanish ID, local music and announcement w/ID (Alexander).
9710 ITALY RAI; 0005 Spanish talking with music from Disney's "Fantasia" (Fraser 1/25).
9710 SOUTH AFRICA Springbok; 0400-0520 Afrikaans/English ID, commercials and music. (Torro,Slomka,Johnson,Peck). 1955-2130 AK/EG ads for Rothman Cigs, country and pop mx, etc. (Koelble, Wood, Novello).
9715 INDIA AIR; *1327 IS, ID in lang into talking. Good signal (Krueger 1/23).
9715 USA WYFR; 0233 Spanish news and Bible study course (McCants 2/6).
9720 KOREA (SOUTH) R. Korea; *1555-1630 English news, editorials, classical mx, etc. (Ponder,Gunnum,Nikolich,Williams,Yajko,Johns,Dieckmann,Mann,Reynolds). 1820 English with man and woman reading listener's letters, pop mx & ID (Kissane).
9720 USSR R. Moscow World Service; 0700-0900 English news & mailbag (McKinney,Marshall).
9720 SRI LANKA SLBC; 0150 English religious talk (Yajko). 1234 EG ID & pop mx (Osterman).
9725 SWITZERLAND SRI; *0145 English Swiss-SW-Merry-Go-Round (Hynes,Boik,Fraser,Kissane).
9730 GERMANY (EAST) RBI; 0100 English news & cmntry (Reynolds 1/16).
9745 ECUADOR HCJB; 0230 English w/DX Party Line (Hynes, Gunnum).
9745 IRAQ R. Baghdad; *2130-2225* English ID & news (Boik,D'Angelo,Marshall,Yacono,Schmidt)
9750 ALBANIA R. Tirana; 0130 English w/the usual stuff about Albania (Alexander 2/2).
9750 CYPRUS BBC; *0600 English news and World Service programming (Klein 1/27).
9755 CANADA RCI; 0315 English with the DX Digest (Hynes 1/28).
9760 GREECE VOG; 0215 English news (Boik). 0335 EG ID & News (Kissane 1/15).
9770 AUSTRIA ORF; *0130-0155* English news and folk music (Boik).
9770 HAITI 4VEH; 2301-0000* English ID and religious pgms (Poulos 1/14, Zilmer 2/1).
9780 YEMEN ARAB REPUBLIC R. San'a; 0334-0506 Arabic talk, chants & mx(George,Johnson).
9795 USSR R. Moscow World Service; 1400 EG ID & nx (Williams). 2055 EG pgm (Reini).
9815 ISRAEL IBA; 0445 Hebrew home service with talk and music (Zilmer 2/4).
9820 CHINA R. Peking; *1200 English news with strong signal (Simaschko 1/31).
9833 ISRAEL IBA; 0500 English news & weather (Boik,Tomkewich,Johnson,Klein).

9860 CHINA R. Peking; 1506 English cmntry on war in Cambodia (Kissane 1/15). 1745 EG entertaining, non-political play apparently a new feature for new year; at first I thought it was a new BBC frequency, remarkable change of pgm style. (Wood 1/1)
9912 INDIA AIR; 1643 Persian talk & ID (Johnson). 1745 AR program (Wood 1/1).
9953 CLANDESTINE R. Freedom of S. Yemen; *1630 Arabic pgm & chants to 2002* (Behr 1/19).
9977 KOREA (NORTH) R. Pyongyang; 1220-1250* English news & folk music (Mann,Simaschko). 2127 Japanese phm (Reini). 2310 English news and talk on Korea (Boik).
10000 USA WWV; 0130 EG ID w/mention of 20 MHZ and new address (Marker 2/7).
10000 ARGENTINA LOL; 2300 Spanish ID every 5 minutes with time pips (D'Angelo 1/27).
10004 USSR RID; 1150 ID in code with fair reception (Simaschko 1/31).
10010 VIETNAM VOV (Hanoi); 0022 Chinese program with talk by lady (Yajko 1/25).
10040 VIETNAM VOV (Hanoi); 1815 English w/talk about life in Vietnam (Swanson 1/24).
11531v KOREA (NORTH) R. Pyongyang; English program at 2315 (Jordan). 0019 English talk about coal mining (Yajko 1/13) 1120 English usual programming (Nikolich 1/14).
11600 CHINA (CLANDESTINE) V. of Democratic Kampuchea; 1222 Cambodian with mentions of Kampuchea. (Krueger 1/31).
11620 INDIA AIR; *1959-2200 English news & local mx (Jordan,Peck,Fick,Johns).
11638 ISRAEL IBA; 0500 English news (Boik). 2030 Hebrew talk & mx (Peck).
11642 PAKISTAN R. Pakistan;1830 Urdu tlk (Wood). 1925 French ID & local mx (Peck).
11655 ISRAEL IBA; 0500 English news & press cmntry (Kissane,Johnson). 0515 French talk & mx //15415, 11635, 9833 (Cress). 2000 English news & interviews (Rubin, Johns). 2050* French s/off with good reception (Cunningham). 2230 English DX Corner and news (Williams, Mears, Kissane).
11675 CHINA R. Peking; 1830 French s/on "Ici Pekin" into news//6935 (Wood 1/1).
11683a SAUDI ARABIA BSKSA; 0458 Arabic announcements and music (Johnson 1/11).
11685 CHINA R. Peking; 0433 English with talk on Tengs visit to US (Clark 1/26).
11690 USSR R. Yerevan; 0301 Armenian s/on with IS, ID, folk music, news (McVicar 1/21).
11700 DOMINICAN REPUBLIC R. Clarin: 1130 Spanish talk, ID's and music (Zilmer 1/29). 1900 Spanish with report of Pope John Paul II visit (Krueger 1/25).

AND....one more report:

7446 UNIDENTIFIED; here on 1/31 at 0446 tune in, YL talk in Spanish. No music and not strong enough to pick out any details. OM started just past 0450, then the station left the air, at 0453* in mid sentence. Two days later on approximately the same frequency, heard an unidentified lang numbers station (sounded Slavic) on this frequency at 0435. I don't have a clue. Perhaps it might be Sandino again, but they were last heard in the morning and on 7325 by Wolfgang Buschel. Help! (Hywarren).

UNTIL APRIL, 73, Tom

HELPING HAND: Wanted: Cabinet for Hammarlund HQ-180A. Also plastic cover for S-meter. Mark Mohrmann, 231 Gordon Ave. Syracuse, NY 13207.

HELPING HAND: For sale: RACAL RA-6217A receiver in mint condition with manual. Price $1100. Drake SPR-4, as new from Gilfer, xtals, calib. and AM selectivity mod. Price $595. Ninety minute cassette of European Pirate Radio. Price $4.00. All prices include shipping. Bill Whitacre, 2609 Devonshire, Lansing, MI 48910. Phone (517) 482-7996.

Distributing editor David Walcutt reports the following address change:
1521 Rutland, Apt. #7, Houston, TX 77008
Please send your Log Reports to the new address. Thanks.

log report section D

11700 & ABOVE

BOB BROWN

Quite a few new reporters to this section this month, and not too many duplicate loggings from last month. Good reporting. Thanks...

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11700 LIBYA PRBC; (?) 1615-1647FS, New FS revol. px into AR. (Behr 1/28)
11720 NETH. ANTILLES RN; 0550 EG, "Friday mx px" (Swanson 1/12)
11720 USA WYFR; 2220-2250 EG, "Unshackled, Mail Bag" (Mc Cants 1/28)
11720 USSR RMWS; 0830 EG, News Brief (Tomkewich)
11725 INDIA AIR; 1135-1140*EG, State & Development nx //9705-11855 (Zilmer)
11730 GREECE VOG; 0215 EG, World nx & Mx (Koelble 1/27)
11730 MADAGASCAR RN; *2030-2120 EG, ID, Nx, "His & Hers", Tk by Tom Meyer, Mx- Spinning Wheels, Holland Disco. (kissane 1/9, Marshall 1/21)
11735 USSR RMWS; 0733 EG, News, F/by Mx Px (Tomkewich 12/29)
11740 HOLLAND RN Lopik; 0700- 0720 EG, Tk, Nx, Cmntry, etc. (Tomkewich)
11740 USA VOA; 0440 EG, "Breakfast Show" (Swanson 1/19)
11745 UNID ? 0207-0235 AR/FS, A new Arab here w/ ME mx, M anncr. in AR or FS between songs, mention of "Arabie" (Cunningham 1/8)
11760 CUBA RHC; 1555-1700 SP, ID, Nx, SP mx, (Prisco 2/9, Williams 1/14)
11760 CYPRUS BBCWS; 0635 EG, Pop mx ox, //9750 (Alexander 1/21)
11765 UNID ? 2216-2225 AR, Vocals, M w/ annct. of "Arabiyah" (Krueger 1/25
11770 ASCENSION ISL. BBCWS; 1530 EG, Classical music (Reynolds 2/4)
11770 NIGERIA VON; 0700-0742 EG, "Weekend Magazine", Nx (Johns, Tomkewich)
11780 BRAZIL RNB; 2230-50/0350-59 PT, ID, TK, Mx, (D'Angelo, Hamilton)
11780 SWITZERLAND SRI; 0700 EG, Nx to India, M/W tk in Pgn, (Johns 1/20)
11790v INDONESIA VOI; 1400-1500 EG, ID, Wnx, INmx, "Mailbag" (Yacono, Williams, Nicholich); 1200-1300 SP, ID, Tk, Intview (Earhart, Zilmer)
11795 INDIA AIR; *1613-1715* RS program, IS //9615 (Behr 1/13)
11805 BRAZIL R Globo; 0025 PT, ID, Sports tk (Yajko 1/13)
11805 USA WYFR; 1925-2150* EG, Tk against the theory of evolution,(Miller) "Conference Echoes" (listed as 11720 in WYFR) (McCants 1/14)
11815 NETH. ANTILLES TWR; *1105 EG, "Back to The Bible" (Simaschko 1/31)
11830 LIBERIA ELWA; *0630 Lang, IS, ID's, Religious Px (Alexander 1/21)
11830 USA Vo the OAS; *2345 SP/FR/PT, (Long time no hear) (Jordan 2/8)
11835 SRI LANKA SLBC; 1040-1130* EG, Nx, "R Monitirs Int." (Camillo 1/1)
11840nf GUAM KTWR; 1045-1100 EG, Rel. Px, Choral Mx (Camillo 1/9)
11840 ISRAEL IBA; 0440 Moghrabi, News (Zilmer 2/4)
11840 SPAIN SFR; 1524-1533 SP, IS, ID, Tk by M & W (Kissane 1/12)
11845 VATICAN VR; *0100-0115* EG, Rel. Nx & Tk (Hartsell 1/17, Schmidt 1/25
11850 W GERMANY DW; 1013 EG, ID (no info & no name- ed.- not good)
11855 INDIA AIR; 1135-1140 EG, Nx to s/off, This is not 11850 as listed in WYFR-79 //9705, 11725 (Zilmer 1/30)
11855 SAUDI ARABIA BSKSA; 1940-2020 EG, ID, Mx, "The world of machs."(Toope
11860 ASCENSION ISL BBCWS; *0500 EG, IS, ID & Site, Nx (Brouillette 12/31)
11870 NORWAY RN; 2200 EG, "Norway This Week" //9590,15175 (Zilmer 1/28)
11880 AUSTRALIA RA; 1717-1730* EG, ID, Pop mx, to Papua & SeAsia, Local listeners comments, //11865 (best) very good (Kissane 1/13)
11880 SPAIN SFR; *0000-0130 EG, ID, Nx, "Kaleidoscope", "Tourist Guide" (Fraser, Kissane, Marshall) //9630; 0600 SP, "In SP today"(Swanson)
11885 URUGUAY SODRE; 2330 SP, ID, Mx- SP guitars & Crooners (Novello 1/15)
11890 PHILIPPINES FEBC; 2303 EG, s/on OM asking for Rec. rpts. (Poppin)
11905 SWEDEN RS; 0035 EG, Nx from other Scandinavian countries, (Johns 1/30
11910 FINLAND RF; 2130 EG, Class Mx, Tk on GDR, QRM/jammer (Peck 1/12)
11910 SAUDI ARABIA Jeddah(?); *1658 Lang,(not AR)(Somali-ed.) (Behr 1/12)
11915 ECUADOR HCJB; 0403-15/0531-42 EG, Nx, Mx, ID, (Hamilton, Mears)
11920 IVORY COAST RTVI; 2120-2300 FR, Mx & Tk in FR & Vernacular (4 Rep)
11925 LEBANON RL; 0225-0300 EG, ID, Nx, Mx, QRM RHC 11930 (3 Reporters)
11935 BRAZIL R Paranaense; 2330-0050, Brazilian Mx, ID, good (Behr 1/27)
11940 ROMANIA R Bucharest; 0645/0710 EG, Nx to Pac. Isl. (Johns, Tomkewich)
11940 SINGAPORE RS; 1601-1615 EG, ID, Mx, W announcer (Alder 2/3)
11940 USSR RMWS; 0300 RS, ID, Tk, fair (Simaschko 1/28)
11945 NEW ZEALAND RNZ; 0510-0526 EG, Nx, Weather, Sports cmntry (Kissane)
11955 PHILIPPINES R Veritas; 1310- 1330 EG, Religious pxs, no QRM (Jordan)

11955 TURKEY VOT; *2130-2230 EG, ID, Nx, Mx, "Turkish Press Review". "Sunshine Radio", "Spotlight on Turkey", "DX Program" (5 Reporters, 2100 FR, News, (Rubin)
11985 ALBANIA R Tirana; 0715 EG, Talk & Cmntry. (Tomkewich 12/29)
12000 AUSTRALIA VNG; 0621-33/0514-16, ID, TIme Signals (Alder, Kissane)
12000 USSR R Kiev; *0300-0330* EG, Tk abt. 1979, Last px of 78 (Tomkewich)
12035 VIETNAM VOV; 1534-1550 EG, ID, Nx, Tk, Cmntry on war in VT. (Kissane)
12050 EGYPT R Cairo; 0200-0300 EG, Opened NAM svc. here on 1/22 w/ good sig anncd. this & 9475 only, ex. 6230, Should be good most of the year. (Hauser); (This is the best I've received them yet.- ed.) (Kolble) 0310-0330* EG cmntry to s/off at 0330. (Boik)
12060 USSR RMWS; 1800-2000 EG, Nx abt, the Soviet Union. Nx in brief etc. Clear freq. today anyway. (Fick 2/4)
12070 USSR RMWS' 1745 EG, Music program (Swanson 1/24)
12077 ISRAEL IBA; 0455 HB, Home Service, Mx, Tk (Zilmer 2/4)
12085 KUWAIT RK; 1815-1855 EG, Nx, Mx, Cmntry (Boik)
13848 COLOMBIA R Nac. de C; 0040 SP, EG/SP pop mx. // 9655 (Zilmer 1/23)
13850 COLOMBIA R Nac. 0245 SP, Class mx, Speech w/ applause, ID (Marker)
15030 CHINA R Peking; 2310 CH, Tk by W, Flute mx w/ orch. Party type format before 2310. Not // their other freqs. (Peck 1/13)
15060 CHINA R Peking; *0000-0400* EG, Various nx reports on China. Tk on China's "Spring Festival". Info on city of Shanghai. Report on Teng's visit to the USA. Tk on Viet. invasion of Cambodia. (8 Reporters)
15070 UK BBCWS; 1434-1550 EG. Px's on computers & S AF. history. Music & Interviews. (Ponder 1/23, Swanson 1/23)
15105 GRENADA RG; *1945-2030 EG, ID, Pop mx, Letters, (Krueger, Reynolds)
15105 MALTA DW; *2130 PT, ID+Site, QRM Grenada (Mathews 1/21)
15110 CHILE R Nac.; *2300-0730 SP, All mx px w/ SP ann. to Argentina. //17800, 11720, 9630, This px gone since 1/10 (Behr 1/9)
15110 USA WYFR; 1745-1800 EG, Mx & tk, good (Simaschko 1/30)
15115 ECUADOR HCJB; 1515, 0100-29 EG, "Regular Px's (McCants, Swanson)
15120 POLAND PR; 0300-0325 EG, ID, "This Week in Poland", Cmntry on relations between US & China, QRM-HCJB, (Jordan 2/6, Torre 1/30)
15130 USA WYFR; *1800 EG, News, good (Simaschko 1/30)
15135 USSR RMWS; 1213-1220 EG, Cl. Mx, Cmntry on Family Life in RS (Earhart)
15160 AUSTRALIA RA; 2300-2400 EG, Good mx, Local topics, Very good px, Reception nearly perfect, not even local stations come close to this for quality, quanity, & reception. (Watts-Ont. 1/11)
15160 MEXICO XEWW; 1355-1405 SP, ID, Nx, Ads for Guadalajara strs.(Krueger)
15170 SOCIETY ISLS R Tahiti; 0358-0433 TT, Mx, Tk, QRN (Poulos 1/24); 0510-0545 TT mx & tk, On every night (Peck, Prisco); 0720-0900*, All mx-pop & Island, No tk, //11825 , both good (Alexander 2/4)
15185 USA WINB; 2020-2130 EG, ID, Freq's. Religious px's. (Mears, Prisco)
15200 INDONESIA VOI; 1400 EG, Mx; 1500 THAI; 1530 GM; 1600 AR; (Behr)
15205 INDIA AIR; 1045-1100* EG, ID, Mx, Freq's (rept. as 15210-ed.)(Camillo)
15205 USA VOA; 2020-2110 EG, ID, Nx, Cmntrt (McCants 2/2, Mears 1/2)
15210 FINLAND RF; 1430 EG, News, ID (Boik)
15220 S AFRICA RSA; 1955-2000, ID (Mears 1/2); 0207-0250* EG, ID, Freq's, "Panorama", "Song & Country", (Brouillete 1/2, Kissane 1/19); 0630 EG "Good Morning Africa", into FR at 0700, good (Stauner 1/4, Watts 1/11)
15220 MADAGASCAR RN; 2030-2035 EG, ID, Nx to Africa, (Prisco 2/8)
15225 TUNISIA RTVT; 0735 AR, Folk mx, Chorus w/ flutes, (Peck 1/26)
15230 CUBA RHC; 2220 Quechua, ID, Tango mx, tk on "Capitalismo" (Peck 1/19)
15240 AUSTRALIA RA; 0100-0600 EG, Cricket match- Aus. v/s England (Watts)
15260 CANADA RCI; 1800-1820 EG, "DX Digest" (Hynes 2/4, Williams 1/21)
15260 IRAN VOI; 0724 FS, Persian mx, Dulcimer strings, Vocals (Peck 1/26)
15265 FINLAND FIR; 1440 EG, "Eddy Hawkins Mx Px" (Swanson 1/24)
15265 UK BBCWS; 2315-2330 EG, "World Radio Club" (Hynes 1/24)
15270 CHINA R Peking; 1200 EG, Nx, Cmntry, //9820-delayed (Zilmer 1/29)
15270 JAPAN RJ; *2345-0045* EG, IS, ID, Nx, "Hello America", "Weeks Review" "Tokyo Calling", "DX Corner", Tk on Airships, //17825 (5 Reporters)
15280 NEW ZEALAND RNZ; 0305-28/0524 EG, Pop mx, Rugby game & cmntry on game Comes on after KGEI is off, (Kissane 1;19, Peck 1/7)
15280 USA VOA; 1522-35 EG, Lang lesson to RS, into RS for "Jazz Hr" (McCants 2200 EG, End of EG px to LAM, I thought all EG px's off at this time (Torre 1/24); 0155-0210 SP, ID, Nx, Rel. tk (Kissane 1/19)
15290 ARGENTINA R El Mundo; 0114 Sp, ID, Tango mx (Osterman 1/19)
15290 SPAIN REE; 2016-2030 AR, Nx & Tk by M & W, SP ID at 2025 (Cunningham)
15310 GUINEA R Nac; 1855-1925 FR, Nx & Mx (Prisco 2/7); 2145-2207 FR, ID, AF mx, (Toope 1/4); 0630 Lang, Local mx, //9650-both good, //4910-poor, not on 6155 or 7125 (Cress 2/4)

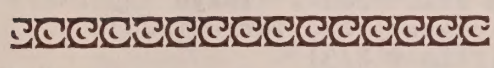
15325 UGANDA UBC; 0300-0356 EG, IS, ID, Nx, "Uganda Today", "Week In Africa PX on research into solar energy in the third world, (5 Reporters)
15335 CUBA RHC; 0217-0230 SP, Vocals in SP, //15230 (KIssane 1/19)
15335 ROMANIA R Bucharest; 0645 EG, NX, Cmntry, //11940-poor (Cress 2/4)
15345nf BANGLADESH RB, 1230-1300 EG, ID, Nx, Mx, Fair-good (Camillo 1/10)
15345 KUWAIT RK; 1800-2100 EG, "Disco Smashers", Good (Jordan 2/1)
15350 N ZEALAND RNZ; 1832-1901 EG, ID, Nx, Sports, (Pitts); (s/ be 15345-ed
15365 USSR RMWS; 1030 EG, ID, Nx, "Mx Hour" (Torre 1/19); (s/ be 15360-ed.)
15370 BRAZIL R Tupi; 0030-0303* PT, Nx, Mx, Spts, (Behr); (not on sched-ed.
15365 UK BBCWS; 2030-2040 EG, Interview w/ Peter Ustinov. (Mears 1/2)
15400nf FINLAND FIR; 1300-1325 EG, Wnx, Nordic Nx, Cmntrt, Moved from 15210 seems to be much better here, less QRM (4 Reporters)
15405 SEYCHELLES FEBA; 0305 FS, Rel. mx, IS in EG, (Rubin 2/4)
15410 RWANDA DW; 0141-0159* EG/GM, ID, Mx, s/off in EG & GM (Alder, McCants
15415 ISRAEL IBA; 0500-0515 EG, Nx, Weather, Sports (Zilmer 2/4)
15425 SRI LANKA SLBC; *1230 EG, ID, EL mx, ti Asia (Mathews 1/21); 0210-0240 EG, Pop mx, Letters & record requests. (Prisco 2/8, Yajko 1/14)
15430nf MEXICO RM; 0055-0210 SP, Pop/Disco mx, //5985,9705 (Prisco, Zilmer)
15430 USA AFRTS; 1455-1520 EG, World News & Comments. (Ponder 1/12)
15450 USSR RNWS; 2230-2300 EG, Nx in brief, "Mailbag", Mx, (Marshall 1/15)
15520 CHINA R Peking; 0000-0150 EG, ID, Nx, Mx, Tk on relations between US & China, Korean mx, CH lang lesson, better than //17680 (4 Reporters)
15520 PAKISTAN RP; 1348-1355 URDU, Vocals, M anncr. (Krueger 1/23)
15590 CHINA R Peking; *0200 EG, Nx & Speech, good (Simaschko 1/31)
15790 CHINA VO Malay Rev.; 1330 Lang, March mx & Tk (Zilmer 2/4)
17630 ISRAEL IBA; 0500-0515 EG, Nx, Wx, Sports (Zilmer 2/4)
17665 PAKISTAN RP; 1645 URDU?, Film mx- strings & flutes, UTE-QRM (Peck)
17680 CHINA R Peking; 0225-0255* EG, Pop mx, M & W cmntry, (Kissane 1/26)
17695 NETHERLANDS RN; 1828-1920 EG, Adjusted from 17700 to AF (Hauser 1;31
17670 EGYPT R Cairo, 1538-1550 AR, Typical Egyptian Mx, (Earhart 1/20)
17720 CUBA RHC; 2125-2140 EG, Sports program. (Mears)
17760 CANADA RCI; 1915-1928 EG, "DX Digest" repeat of Sun's AF serv. (Hynes
17765 MEXICO XERMX; 2200-0522* SP, Poor-QRM AFRTS, All // freqs poor (Behr) Not a good freq. I haven't rated 15430 yet (Hywarren)
17780 S AFRICA RSA; 2137-59 EG, "DX Corner" //11900,15155 (Hynes 1/27) 0600 EG, News (Woltman 1/30)
17800 CHILE VOC; 0115-0130 EG, Nx, & Chilean Cmntry (Boik, Johns 1/15)
17805 ROMANIA R Bucharest, 0710* EG, Nx, px by M & W, s/off (Alexander 2/4)
17810 PHILIPPINES FEBC; 2357-0030 EG, ID, Nx, Rel. Mx, (Alexander 1/21, Zilmer 1/27); Best ever hrd here, good as RA in the am. (McVicar 2/2)
17815 BRAZIL R Cul de Sao Paolo; 0010 PT, EL mx, Anmts. (Alexander 1/21) 0028 EG, OM & YL w/ BBC style EG lesson & PT explanation. (Osterman)
17815 ISRAEL IBA; 0500-0515 EG, Nx, Wx, Sports (Zilmer 2/4)
17820 CANADA CBC; 2130 EG, Nx, Sports, Wx, To AF (Reynolds 1/15)
17820 USSR RMWS; 0030 EG, Nx, Folk mx (Zilmer 2/2)
17825 JAPAN RJ; 0001-0045* EG, Nx, Cmntry on silk prod., "Tokyo Report", Weekly Editorial Roundup, Asian nx, (Kissane 1/27, Torre 1/26)
17825 USSR RMWS; 1430 EG, Nx, Science px, (Zilmer 2/3)
17830 UK BBC; 1500-1529 EG, Nx, Sports, Tennis Tournament (Reynolds 1/13)
17830 GREECE VOG; 1215-1230 EG, News (Camillo 12;30)
17830 PAKISTAN RP; 0200-0245 Lang/EG, Nx in Lang, ID in EG (Jordan 2;6)
17840 ASCENSION ISL BBCWS; 2100-2115 EG,"World Radio Club" (Hynes 1;23)
17840 NORWAY RN; 1400-1430 EG, "Norway This Week" (Boik)
17855 GUAM KTWR; 2358-0001 EG, IS, ID, Anmts. (McVicar 2/2) 0015-0130 (?) Too much QRM to really get to grips w/ it. (Watts 10/30)(rather late)
17855 MADAGASCAR RN; *1628-40 EG, IS, ID, Nx, QRM_VOA, (Kissane 1/22)
17870 AUSTRALIA RA; 0135 EG, Pop nx (Yajko)
17870 LIBERIA VOA; 1630-1655 EG, Mx request px, //17710 (Prisco 2/9)
17870 USSR R Kiev; 0030-0100 EG, Nx, Mx, "Mailbag" (4 Reporters); 0350-0400 Lang, Mx w/ tk, Pop mx, IS at 0359 (Kissane 1;26)
17875 ISRAEL IBA; 0500-0515 EG, Nx, Wx, Sports (Zilmer 2/4)
17880 E GERMANY RBI; 1817 EG, Political tk & cmntry (Yajko 1/20)
17885 CYPRUS BBCWS; 1230 EG, "Baker's Half Dozen Px" (Zilmer 2/4)
17890 ECUADOR HCJB; 1455-1550 EG, "Morning In The Mountains"(Mears,Swanson)
17890 TAIWAN VOFC; 2354-0002 Lang, ID, s/on, (McVicar 1/21); 0320-0350* EG/CH, ID & freqs, String mx, Pop mx, M reading numbers (Kissane 1/26)
17900 VATICAN RV; 1700 EG, Tk on the Pope's visit to LA, (Johns 2/4)
19455 UKOGBANI BBCWS, 1810-1815 EG, SSB feed to Ascension at this time provided better reception here than any AM freq. But not after 1815 when the other SB came up w/ FR. (Hauser 1/13)

21485 VATICAN VR; 1210-1214 EG, Tk abt Cath. Ch. involvement in certain world affairs as consultants. (Earhart 1/8)
21505 SWEDEN RS; 1405-1430 EG, News (Boik)
21520 S ARABIA BSKSA; *1558-1653*, IS, Somali Px (Behr 2/2)
21530 AUSTRIA ORF; 1230-1300 EG, Nx, Cmntry on Politics, "Weekend Review" Px abt. wooden toys, (Camillo 12/30, Fraser 1/6, Koelble 1/21)
21570 SWITZERLAND SRI; 1315-30/1530-1600 EG, ID, Nx, "Mailbag", (5 Rep.)
21580 FRANCE RFI; 1730 EG, "Paris Calling AF", "You asked For It" (Johns)
21630 SWITZERLAND SRI; 1655-1700 FR, ID, Mx (Mears 1/13)
21640 NETH ANTILLES RN; *2030-2050 EG, IS, Id, "Newsline", //11730 (Kissane 2010-2020* DT, Tk, Pop Mx, National Anthem (McCants 2/5)
21650 LIBYA PRBC; 1400-1502* AR, Mx & Tk, (Domestic Svc.- ed.) (Behr 1/31)
21680 AUSTRALIA RA; 2403-0030 EG, IS, Nx, Mx, Wx, (Kissane 1/12, Zilmer)
21685 MADAGASCAR R Neth; 1710-1721* AR, ID, Mx; 2010-2020* DT, (Kissane)
21710 UK BBCWS; 1430-1600 EG, "Line From my Grandfather's Forehead"(comedy) "R Newsreel", "Concert Hall", (Fraser 1/7)
21730 NORWAY RN; 1600/1613 EG, Nx & Vx abt, Norway. (Reynolds 2/4, Yajko)
21740 AUSTRALIA RA; 0050-0120 FR/EG, IS into EG cmntry at 0059½ (Kissane) 0120-0150 EG, Pop mx, good, //17795 poor-QRM VOA, (Schmidt 1/25) 0240-0255 EG, "Club Forum" (Hynes 1;27)
24640 RWANDA DW; 2010 GM, Must be 4 x 6160 where nothing was audible. First harmonic Iv'e heard from this country. QRM from still another. (Hauser
25620 FRANCE RFI; 1535 FR, Played a series of tapes similar to AFRTS's relays.One was in EG abt the Rodesian situation. IS, ID & time between each tape. Repeated ID & ID until off at 1545 (Levesque 1/29)
25690 W GERMANY R Liberty; 1428IS, Nx from Washington, over jammer. (Novello
25990 USA VOA; 0000 EG, News (Zilmer 1/27)
26040 USA VOA; 1945-2000 EG, African request show-many tunes. (Miller)
26095 USA VOA; 2337-2359* EG, "Breakfast Show" good, (Kissane 1/11)
30140 UKOGBANI BBCWS; 1418, Correlating well with fade pattern on 30470 2 x 15070 (Hauser 1/13)
30280 UKOGBANI BBC; 1441 Lang, "V" IS, RS sched on 15140 (Hauser 1/13)
30390 UKOGBANI VOA; 1405 GM, Also audible on 15195. Wooferton site listed in VOA sked. & despite changes it may be, as other BBC harmonics in at same time on 30 MHz band (Hauser 1/13)
30470 UKOGBANI VOA Wash.; 1355 UZ, Off-air relay of Uzbek, better than on 15235 fundamental, listed as Wooferton. (Hauser 1/13)
30780 UKOGBANI BBC?; 1443 Lang, Probably BBC 2 x 15390 (Hauser 1/13)

* *

Thanks to all of you who stay in there and report every month, we need you; and welcome to the new-comers this month. My typing & spelling are getting better but I'm still making a few mistakes, seems to be getting easier each month though.

73's till next month. "Bob"



HELPING HAND: For sale: Drake R-4B. Modified as per Gilfer: improved R-F stage, detector, AGC, tape jack, headphone jack on front panel. With 10 xtals for 2.0, 3.0, 4.5, 6.0, 9.0, 9.5, 11.5, 15.0, 17.5 and 21.5 MHz, plus ham band coverage. Switchable xtal selectivity independent of mode with passband tuning, excellent for exalted carrier reception. Manual included. Recently re-tubed and aligned, near-mint condition. $375.00. Steve Bohac, 97 Shaler Avenue, Fairview, NJ 07022.

HELPING HAND: For sale: Panasonic RF-2800 receiver less than 1 year old and scarcely used. Top condition. $200.00 includes shipping in oroginal carton and insurance. David L. Claytor, 4829 Sheboygan Avenue #216, Madison, WI 53705.

HELPING HAND: For sale: FRG-7, $225.00, and Hallicrafters S-85 with Heath Q-Multiplier, $60.00.
Wanted: HQ-145 or HQ-180 or HQ-160 in good condition. Jim Beirs, 1011 N. Washington, Wheaton, IL 60187. Call (312)-690-1855 (not collect) or write providing telephone number.

HELPING HAND: For sale: SP-600-JX-26. Good condition with steel cabinet. $175 plus shipping or best offer. Tom Overcamp, Route 2 Box 98, Seneca, SC 29678. Phone (803)-882-7906 from 2300 to 0200 GMT.

MARCH

FRENDX CREDITS

LOG REPORTS

NEW ADDRESS

Send log reports to:

David L. Walcutt, 1521 Rutland #7, Houston, TX 77008

Deadline is the 12th of each month.

William C. ALDER, San Antonio, TX (SPR-4/Hall. SX-133); Brian ALEXANDER, Mechanicsburg, NY (RF-2800); Jeff BALL, Girard, IL (DX-160); Ernie BEHR, Kenora, Ont. (SPR-4); Robert BEREZOWSKI, Calgary, Alta. (DX-160); Ray BOIK; Orchard Lake, MN (HQ-145); Paul BROUILLETTE, Saulte Ste. Marie, MI (DX-160); Leslie BYRON, Laurelton, NY (Patrolman 9).

Michael J. CALDERWOOD, Denver, CO (FRG-7); Michael CAMILLO, Brooklyn, NY (FRG-7/DX-160); Robert W. CLARK, Phoenix, AZ (XCR-30); Hadley D. CRESS, Harrisonburg, VA (HRO-500/R-4C/RF-2800); Vladimir CUCURA Jr., Reading, PA (FRG-7/RF-2800); Larry CUNNINGHAM, Columbus, OH (DX-300); David D'ANGELO, Broomall, PA (R-392URR); William DAVENPORT, Nashville, TN (DX 160); Mike DIECKMANN, St. Louis, MO; Kenneth A. EARHART, Allentown, PA (FRG-7).

Dean FICK, Lakeside, OH (FRG-7/DX-160); Robert FRASER, Cohasset, PA (XCR-30); Charles GEORGE, Dallas, TX (SSR-1); Mark S. GODFREY, Broomfield, CO (ICF-6700W/QR-666); Jay HAMILTON, Rock Hill, SC (RF-4800); Harry L. HARTSELL, Lompoc, CA (FRG-7); Glenn HAUSER, Knoxville, TN (FRG-7/HQ-160/ICF-5900W); Ron HOWARD, Santa Barbara, CA (SB-310); Chris HYNES, Erie, PA (RF-2800); Aaron HYWARREN, Winnipeg, Man. (ICF-5900W); Kenny R. JOHNS, Jackson, TN (SX-190/FRG-7); Douglas W. JOHNSON, Issaquah, WA (SP-600/HQ-180); Jack R. JONES, Jackson, MS; W.J. KISSANE, Chula Vista, CA (DX-160); Stu KLEIN, Gainesville, FL (DX-160); Mick KOELBLE, Canton, OH (FRG-7); Terry L. KRUEGER, Casselberry, FL (QR-666).

Jack LIMANN, Caracas, Venezula; Jerry A. LINEBACK, St. Joseph, IL (SPR-4); Donald L. McCANTS, Trussville, AL (RF-2800); Larry McKINNEY, Adamstown, PA (RF-2800/DX-160); Richard McVICAR, Prescott, Ont.; William H. MANN, Brantford, Ont.; Brett MARKER, Rockford, IL (CRF-320); Mildred MARSHALL, Devils Lake, ND (RF-4800); William A. MATTHEWS, Columbus, OH (FRG-7000); Dorothy A. MEARS, Decatur, GA (SX-110); Richard H. MILLER Jr., Weirton, WV.

Mike NIKOLICH, Dekalb, IL (SPR-4); Jay NOVELLO, Endwell, NY (RF-2800/XCR-30); Sydney J. OSTERMAN, Toronto, Ont. (FRG-7/SPR-4); Martin PECK, Bronx, NY; Neal A. PERDUE, Falkville, AL (SX-100, Mk.2/SW-4A); Stephen E. PITTS, Salem, OR (FRG-7); Steven H. PONDER, Bossier City, LA (GC-1A); George POPPIN, San Francisco, CA (FRG-7); Milton POULOS, Chicago, IL (DX-160); Daniel J. PRISCO, Scranton, PA (RF-2800).

Ben RADCLIFFE, Ottawa, IL (RF-2200); Roger REINI, League City, TX (Zenith Royal 3000-1); Bill REYNOLDS, Amherst, NY (SW-4a/DX-40); Joel M. RUBIN, Berkeley, CA (DX-160); Jerry F. SCHMIDT, Eau Claire, WI (FRG-7,GAR-7); Dan SHEEDY, Cardiff, CA (FRG-7/R-390A); Mike SIMASCHKO, Milwaukee, WI (Transoceanic); SLOMKA, Brooklyn, NY; Bill SMITH, Eunice, LA (FRG-7); Dan STAUNER, Plover, WI (DX-120); Richard D. SWANSON, Wellman, IO (DX-160).

Leon TANNENWALD, Brooklyn, NY (SPR-4); Mike TOMKEWICH, Winnipeg, Man. (DX-160); Terry TOOPE, Springdale, Nfld. (FRG-7); Marco TORRE, Cardiff, CA (RF-2200); Dave VALKO, Dunlo, PA (DX-160).

K.L. WATTS, Summer Hill, N.S.W., Australia (FRG-7); Bill "Whit" WHITACRE, Lansing, MI (RA-6217A/R-4B); John D. WILLIAMS, Bloomington, MN (R-$C/FRG-7/HQ-129X); Frank WOLTMAN, Cambridge, WI (RF-4800/FRG-7); Dom YACONO, Brooklyn, NY (DX-300); Robert A. YAJKO, Leechburg, PA (SPR-4); Robert R. ZILMER, Milwaukee, WI (R-390A/SPR-4).

Larry Cunningham passes along these timely comments on his Radio Shack DX-300: "I immediately ran into some rather severe problems with overloading when tuning across crowded shortwave bands. When I tried to 'peak' a particular Mhz band using the Mhz tuning dial, I either got buzzes and groans coming out of my speaker, or stations which just didn't belong at the displayed frequency. So far I've tried three different samples, all of which have demonstrated the same problem to one extent or the other. I'm now curious as to whether other NASWA members have met with the same difficulties with the DX-300." -- Larry Cunningham, 4707 Hilton Ave., Apt. 3H, Columbus, OH 43228

DX MONTAGE

by Daniel A. Robinson

Visitor from Peking

His name is Chi, or Ji Fu-Sheng, a communications technician from the People's Republic of China. Chi is one of about 40 Chinese scholars now studying English at American and Georgetown Universities in Washington, D.C., in preparation for their move to places like UCLA, Berkeley, Cornell, MIT, and Carnegie-Mellon. They will be in this country for two years, some of them for a longer period of time, and they are merely the first of many groups that will be arriving in the United States. Washington was crackling with excitement during Teng Hsiao Ping's visit, and I was anxious to meet as many of the Chinese scholars as possible. I had spent years listening to Radio Peking's broadcasts, which, during the Vietnam war, were so critical and downright vicious in their denunciation of U.S. imperialism in Indochina. Now the tables have turned, and China's leadership, as vulnerable as it may be to sudden shifts, is looking toward the building of a "modern" China by the year 2000. Chi Fu-Sheng is one who plans to return to China, in his case to Peking, to play a part in that modernization process.

We shortwave enthusiasts have had a unique and exciting vantage point from which to observe the growing U.S. - China relationship--that of radio broadcasts from the source. With this in mind, I invited Chi to my home recently for a shortwave radio demonstration. Also on hand were French DX'er Jean Jacques Bloch, and Pitt McNeil. As the beautiful sounds of The East is Red drifted from the Hammarlund's speaker, Chi gave us his frank opinions on the Chinese-Vietnamese conflict: "They attacked the border of our country, and we have asked the UN to get them to take their troops out of Cambodia. . ." Did the Vietnamese attack Chinese border posts first, I asked. Chi nodded and continued: "They. . . I don't think they have the capacity to wage true agression, but they want to make trouble. We will give them a punishment. . ." I told Chi that it was my own opinion that economic problems are now more important for the American people than risking conflict anywhere in the world, to which he replied: "This is my own personal opinion, my private opinion. . . I can't really understand Carter. . . the American people don't want any war. But if you always take back from "attaction" you will be attacked again. We Chinese, in our history, suffered a long time from oppression. . ."

I played a recording of the 9945 outlet of Radio Peking for Chi, but as it was in Cantonese he could not understand it. Yet, he was truely fascinated by the technology (represented by the shortwave radios) available to a student like myself. If the present leaders in Peking adhere to the saying "Seek truth in fact," the fact is that China is terribly far behind with regard to even some of the simplest technology we take for granted on a daily basis. According to Chi, there are only some 1.2 million television receivers in the whole of China. Most radio receivers, up until just recently, consisted of the basic 5 tube pattern, and Chi should know--he worked on them. But perhaps the most surprising revelation came in the answer to my query about how many Chinese listened to foreign broadcasts. The Voice of America, or just plain "VOA" as they call it, is apparently quite popular in China. Chi was, I think, more taken with the Japanese portable RF-2800 than with the Hammarlund or Drake. Possibly, he was taken with the advanced state of receiver technology in Japan, with which China has also normalized relations in its quest for modernity.

For one evening, we learned quite a bit about one another. Chi said he will be coming back to listen to some other broadcasts, and several of the others in the Chinese group will be here as well. But I will not soon forget that initial feeling, upon meeting these people, the feeling that I was meeting people who have been kept from reality for a long period of time, who, in a sense, were being released from a form of bondage, physically and mentally. China's move toward the West will not be at the expense of their ideology. As Chi said, as we listened to the Radio Peking North American Service playing John Philip Sousa marches, China does not want to be as modern (in all respects) as the United States by the year 2000. The object is to become "more modern than we are right now." Later that evening, after I had driven Chi home, I hit the button on my Taiwanese manufactured casette recorder and listened for a while to some Chinese music from Radio Peking. My thoughts ran to the Vietnam war, China's "invasion" of Vietnam, cries here in the U.S. to reopen the draft, and finally, to a new friend from China, one of almost a billion of the world's population.

PUBLISHER'S PAGE

CONTEST .....CONTEST.....CONTEST.....CONTEST

This month's cover by Wesley Thompson includes an Inteval Signal. Wes will mail a NASWA decal to the first ten members who can identify it. Send your entries to Wesley Thompson, 454 Pheasant Drive, Huntingdon Valley, PA 19006 U.S.A.

HELPING HAND: For sale: Hallicrafters SW-500 general coverage receiver in excellent condition. A collectors item now. Price $30.00 and I will pay UPS shipping charges. Richard D. Swanson, P.O. Box 349, Wellman, IA 52356. Phone (319)-646-6849 after 5:00 p.m. Central Standard Time.

HELPING HAND: Notice: I would like to correspond with some one who has built and operated successfully the I-F Q Multiplier in the Radio Amateur's Handbook published by the ARRL. Dan Shingler, 24916 Leo, St. Clair Shores, MI 48080.

HELPING HAND: For sale: DX-160, 1 year old. Price $100 includes shipping. Would be interested in trading for, or towards, other receiver or equipment. John Blue, Box 86, Davison, MI 48423. Phone (313)-793-2800 days except Thursdays and Sundays.

HELPING HAND: For sale: Hammarlund HQ-150, excellent condition - very clean, $175. Also Gilfer-Hamgear Preselector, excellent, $35, or $200 for both. Please add for shipping. Jeff Stover, P.O. Box 353, Montrose, PA 18801. Phone (717)-434-2214.

HELPING HAND: For sale: DX-300 Radioshack shortwave receiver with digital readout. Like new, in perfect condition. $325.00 or best offer. Steve Handler, 3330 Old Mill Road, Northbrook, IL 60062. Phone (312)-433-2802 days or (312)-498-0838 nights.

HELPING HAND: For sale: (1). DX-160, original box and manual. Used very little. Bought 4/78. Asking $130 including shipping. (2). Sony TRM-8000W, AM/FM/SW 1.6-22.0 MHz/PSB including weather. Great sound, particularly on FM. AFC, fine tuning, ext. antenna jack. Main tuning dial has slight backlash. $160 including shipping. (3). DX-40 with AM/FM/SW 4.5-22.0 MHz. $30 including shipping. (4). RF-2800 with AM/FM/SW 316-30.0 MHz. FM terrible, AM somewhat so. Digital readout on SW which works well with a few feet of wire. Make an offer. Elisabeth Whitaker, Box 8119 Univ. Station, Knoxville, TN 37916. Phone (615)-974-8031 6 to 11 P.M. EST or weekends. No collects.

HELPING HAND: Wanted: Barlow-Wadley XCR-30 Mark II in excellent condition or FRG-7 Mark 3. Please state price. Contact Frank Zimmer, 10104 Crown Point, St. Louis, MO 63136.

HELPING HAND: Notice: I need Owners Manual/Schematic for National NC46 HF receiver. Tom Mooningham, P.O. Box 8512, Camp Lejeune, NC 28542.

HELPING HAND: For sale: Heathkit Mohican Communications Receiver Model GC-1A in good condition. Covers .550 to 32.0 MHz. SASE gets spec. sheet and more details. $85 ppd or best offer. Allen Black, Rt. 1 Box 378, Longs, SC 29568

HELPING HAND: For sale; (1). Collins R-390 receiver serial #609. Unit is in mint shape and has recently been aligned and retubed with Sylvania Green Label (J.A.N. spec) tubes. Included is the complete manual with servicing instructions and a complete set of replacement tubes. $500.00 (2). Hammarlund SP-600 JX completely aligned, retubed and restored to "like new" condition. $350.00. Chuck Rippel WA4HHG, 3229 Turtle Rock Drive, Virginia Beach, VA 23452. Phone collect 1-804-422-6138 (work) or 1-804-468-6329 (home).

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